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Ag. Statistics No. 45
May 1980

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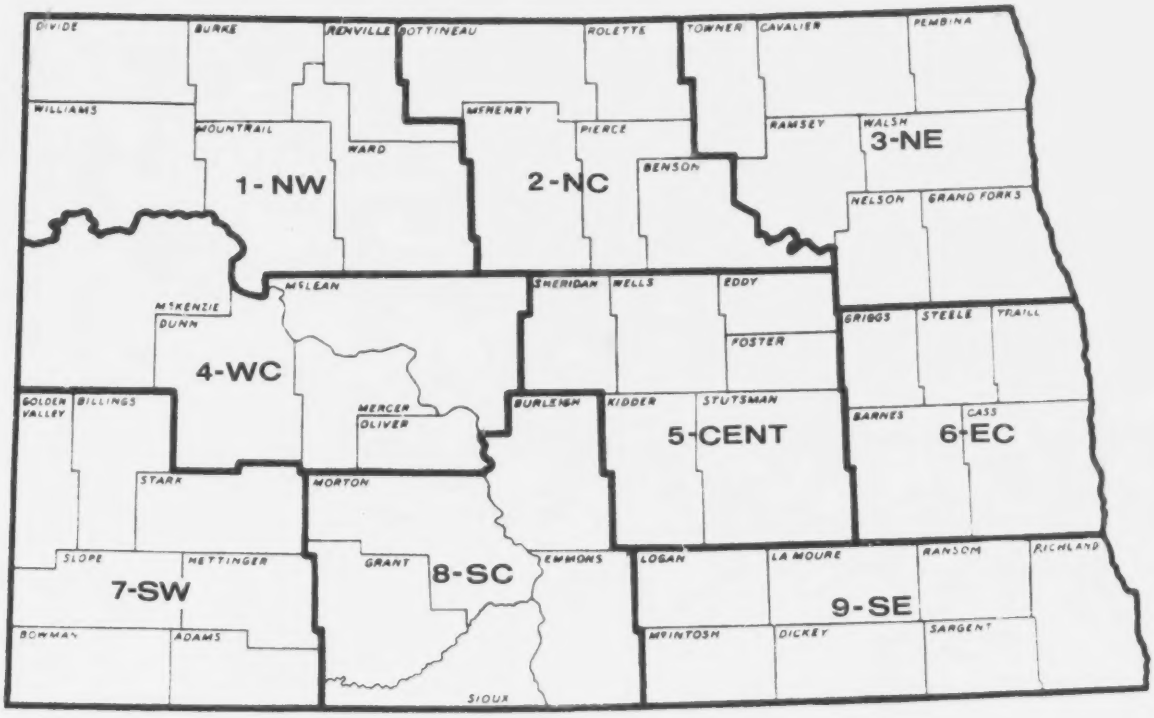
NORTH DAKOTA

CROP REPORTING DISTRICTS



This map shows how the state is divided into districts for crop reporting purposes. Each district represents counties that have similar types of farming, soil and climate. There are nine districts. The Northwest is No. 1; the North Central is No. 2; Northeast is No. 3, etc.

NORTH DAKOTA

AGRICULTURAL

STATISTICS

1980

Compiled by

NORTH DAKOTA CROP & LIVESTOCK REPORTING SERVICE

345 U.S. Post Office-Federal Building
P.O. Box 3166 Fargo, ND 58108

Robert F. Carver - Statistician in Charge
Willaim G. Hamlin - Asst. Statistician in Charge

Issued

Cooperatively

by

NORTH DAKOTA STATE UNIVERSITY
AGRICULTURAL EXPERIMENT STATION

H. Roald Lund, Director
Fred R. Taylor, Chrmn., Dept. Agr. Econ.

U. S. DEPARTMENT OF AGRICULTURE
ECONOMICS, STATISTICS &
COOPERATIVES SERVICE

Kenneth R. Farrell, Administrator
William E. Kibler, Deputy Admin.- Statistics

FOREWARD

It is a pleasure to present this summary of North Dakota agricultural statistics developed by the North Dakota Crop and Livestock Reporting Service. You will find this book a comprehensive presentation of farm statistics, including information on crop production, livestock numbers, farm income, prices, weather and grain shipments for 1979. These include estimates for the State and by counties.

Data included in this publication are similar to recent years, but a table on county agricultural rankings has been added. There has also been some changes in arrangement and format in hopes of making the data easier to find and more readable.

Our sincerest thanks to the many North Dakota farmers and ranchers and agri-business people who voluntarily report the essential and basic information for making these estimates. This publication would not be possible without their most gracious and devoted service.

Collection and publication of these data have been made possible by the cooperative efforts of the Economics, Statistics and Cooperatives Service, USDA, and the Agricultural Experiment Station, Department of Agricultural Economics at North Dakota State University. These data are compiled by the staff of the North Dakota Crop and Livestock Reporting Service and funds for reproducing the publication are provided by the University. Other contributors include the Cooperative Extension Service, National Weather Service, North Dakota Wheat Commission, Malting Barley Improvement Association and the Upper Great Plains Transportation Institute from Public Service Commission records.

Most of the estimates presented in this publication are based on information collected from producers and agri-business establishments. Much of the data are obtained from voluntary reports obtained through special mail surveys. More sophisticated probability sampling techniques are also utilized. One technique is accounting for all of the agriculture within sample segments of land randomly selected throughout the State. Although only a small portion of the total land in the state is included, this sample of land has been selected so that the segments represent a complete coverage of agriculture in North Dakota. These data in turn are expanded to State estimates.

Samples are also selected from a list of all known farm operations "Universe List". These samples are selected so they represent the entire list of operations in the state. State indications based on this technique are also obtained by expanding the sample data. Operations found in the land area frame sample mentioned above are also checked against the names on the Universe. Those not found are used to measure the incompleteness in the "Universe List". The combination of these two sample sources is called "multiple frame sampling".

A free copy of this publication may be obtained upon request to the North Dakota Crop and Livestock Reporting Service, P. O. Box 3166, Fargo, ND 58108. A copy may also be obtained from the Chairman, Department of Agricultural Economics, NDSU, Fargo, ND 58105.

Robert F. Carver
Agricultural Statistician
in Charge

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INTRODUCTORY STATISTICS

NORTH DAKOTA'S RANK

RANK OF COUNTIES

INCOME

REAL ESTATE

WEATHER

THE 10 LEADING STATES AND NORTH DAKOTA'S RANK

Item	1	2	3	4	5	6	7	8	9	10	North Dakota's Rank	Percent of Nation
CROP PRODUCTION 1979												
Corn for Grain	Iowa	Ill.	Nebr.	Ind.	Minn.	Ohio	Wisc.	Mich.	Mo.	S.Dak.	25	2/
Corn for Silage	Iowa	Wisc.	Minn.	N.Y.	Pa.	Nebr.	Mich.	Colo.	S.Dak.	Calif.	17	2
All Wheat	Kans.	N.Dak.	Okla.	Tex.	Wash.	Mont.	Minn.	Nebr.	Idaho	Mo.	2	12
Winter Wheat	Kans.	Okla.	Tex.	Wash.	Nebr.	Mo.	Colo.	Ohio	Mont.	Ill.	33	2/
Durum Wheat	N.Dak.	Mont.	Ariz.	S.Dak.	Calif.	Minn.	---	---	---	---	1	79
Other Spring Wheat	N.Dak.	Minn.	Mont.	S.Dak.	Idaho	Wash.	Oreg.	Colo.	Utah	Nev.	1	39
Oats	S.Dak.	Minn.	Iowa	Wisc.	N.Dak.	Ohio	Nebr.	Pa.	N.Y.	Tex.	5	7
Barley	N.Dak.	Idaho	Calif.	Minn.	Mont.	Colo.	S.Dak.	Wash.	Utah	Wyo.	1	20
Rye	S.Dak.	N.Dak.	Ga.	Minn.	Nebr.	Okla.	S.C.	Mich.	Tex.	Kans.	2	21
Flaxseed	N.Dak.	S.Dak.	Minn.	Tex.	---	---	---	---	---	---	1	47
Potatoes	Idaho	Wash.	Maine	Oreg.	Calif.	N.Dak.	Wisc.	Minn.	Colo.	N.Y.	6	5
Soybeans for Beans	Ill.	Iowa	Mo.	Minn.	Ind.	Ohio	Ark.	Miss.	La.	Tenn.	28	2/
Dry Edible Beans	Mich.	Calif.	Idaho	Nebr.	Colo.	N.Dak.	Wash.	Minn.	Wyo.	N.Y.	6	7
Sugar Beets	Calif.	Minn.	Idaho	N.Dak.	Mich.	Nebr.	Colo.	Wyo.	Mont.	Tex.	4	10
Sunflower	N.Dak.	Minn.	S.Dak.	Tex.	---	---	---	---	---	---	1	63
Alfalfa Seed	Calif.	Idaho	Wash.	S.Dak.	Nev.	Mont.	Okla.	Utah	5/	5/	12	2/
Alfalfa Hay & Mixtures	Wisc.	Minn.	Iowa	Calif.	S.Dak.	Nebr.	N.Dak.	Idaho	Kans.	Mich.	7	4
All Other Hay	Tex.	Mo.	N.Y.	Ky.	S.Dak.	Okla.	Wisc.	Nebr.	Kans.	Pa.	11	3
All Hay	Wisc.	Minn.	Iowa	S.Dak.	Nebr.	Calif.	Tex.	Mo.	N.Dak.	Kans.	9	4
Total Acreage of Principal Crops Harvested	Iowa	Ill.	Tex.	Minn.	Kans.	N.Dak.	Nebr.	S.Dak.	Mo.	Ind.	6	6
LIVESTOCK ON HAND January 1, 1980												
All Cattle & Calves	Tex.	Iowa	Nebr.	Kans.	Okla.	Mo.	Calif.	Wisc.	S.Dak.	Minn.	17	2
Milk Cows That Have Calved	Wisc.	N.Y.	Calif.	Minn.	Pa.	Mich.	Ohio	Iowa	Tex.	Mo.	30	1
Beef Cows That Have Calved	Tex.	Mo.	Okla.	Nebr.	Iowa	Kans.	S.Dak.	Mont.	Fla.	Ky.	12	3
All Hogs - December 1979	Iowa	Ill.	8/	8/	Mo.	Nebr.	N.C.	Ga.	9/	9/	25	1
Stock Sheep & Lambs	Tex.	Calif.	Wyo.	S.Dak.	N.Mex.	Colo.	Mont.	Utah	Idaho	Oreg.	15	2
Sheep & Lambs on Feed	Colo.	Calif.	Tex.	Oreg.	6/	6/	Kans.	7/	7/	N.Mex.	14	3
Cattle & Calves on Feed	Tex.	Nebr.	Iowa	Kans.	Colo.	Calif.	Ill.	Ariz.	Minn.	S.Dak.	28	2/
All Chickens - December 1979	Calif.	Ga.	Ark.	Ala.	Pa.	N.C.	Ind.	Fla.	Tex.	Minn.	46	2/
LIVESTOCK PRODUCTION IN 1979												
Calf Crop	Tex.	Mo.	Okla.	Wisc.	Iowa	Nebr.	S.Dak.	Kans.	Calif.	Mont.	14	2
Lamb Crop	Tex.	Calif.	S.Dak.	Wyo.	Colo.	Idaho	Utah	N.Mex.	Mont.	Oreg.	12	3
Pig Crop	Iowa	Ill.	Minn.	Mo.	Ind.	Nebr.	N.C.	Ohio	S.Dak.	Kans.	24	1
Chickens Raised 3/	Ga.	Calif.	Ark.	Ala.	Pa.	Ind.	N.C.	Fla.	Tex.	Minn.	44	2/
Turkeys Raised	Minn.	N.C.	Calif.	Ark.	Mo.	Va.	Tex.	Iowa	Wisc.	Ind.	22	1
Egg Production	Calif.	Ga.	Ark.	Pa.	Ind.	Ala.	Fla.	N.C.	Tex.	Ohio	46	2/
Wool Production	Tex.	Calif.	Wyo.	Colo.	S.Dak.	N.Mex.	Idaho	Utah	Mont.	Oreg.	16	2
Honey Production	Fla.	N.Dak.	S.Dak.	Calif.	Minn.	Mont.	Tex.	Wisc.	Mo.	N.Y.	2	10
Milk Production	Wisc.	Calif.	N.Y.	Minn.	Pa.	Mich.	Ohio	Iowa	Tex.	Wash.	31	1
Creamery Butter 4/	Wisc.	Minn.	Calif.	Pa.	Iowa	N.Y.	Ohio	Wash.	Mich.	Okla.	19	1
American Cheese 4/	Wisc.	Minn.	Iowa	N.Y.	Idaho	Mo.	N.Dak.	Ky.	S.Dak.	Utah	7	1
CASH RECEIPTS FROM FARM MARKETINGS & GOVT. PAYMENTS-1979												
Crops 1/	Calif.	Ill.	Tex.	Iowa	Fla.	Minn.	Ind.	Kans.	Ohio	Nebr.	14	3
Livestock 1/	Iowa	Tex.	Calif.	Nebr.	Wisc.	Kans.	Minn.	Colo.	Mo.	Ill.	32	1
Total 1/	Calif.	Iowa	Tex.	Ill.	Kans.	Nebr.	Minn.	Wisc.	Mo.	Ind.	24	2
Government Payments 4/	Tex.	Kans.	N.Dak.	Iowa	Nebr.	Minn.	Mont.	S.Dak.	Ill.	Okla.	3	9
Realized Income per Farm												
Gross 4/	Ariz.	Calif.	Hawaii	Colo.	Del.	Nev.	Fla.	N.Mex.	Nebr.	Wyo.	19	--
Net 4/	Ariz.	Calif.	Fla.	Del.	Hawaii	Wash.	N.Dak.	N.Mex.	Vt.	Iowa	7	--

1/ Preliminary. 2/ Less than one-half of one percent. 3/ Farm chickens. 4/ 1978 Data. 5/ Kansas and Oregon tied for ninth place. 6/ Nebraska and Wyoming tied for fifth place. 7/ Iowa and South Dakota tied for seventh place. 8/ Indiana and Minnesota tied for third place. 9/ Kansas and Ohio tied for eighth place.

RANK OF NORTH DAKOTA'S COUNTIES 1/

County	All Wheat	Spring Wheat	Durum Wheat	Sun-flower	Barley	All Hay	All Cattle	Milk Cows	All Hogs	All Sheep
Adams	45	39	34	42	48	34	31	35	33	8
Barnes	8	4	22	3	6	19	22	23	5	29
Benson	15	46	5	15	14	17	26	26	20	36
Billings	52	50	51	50	53	47	33	50	53	53
Bottineau	16	40	10	21	11	24	37	38	32	23
Bowman	44	41	29	48	41	37	33	43	40	1
Burke	33	36	20	40	33	44	45	40	52	33
Burleigh	35	23	43	36	44	5	11	20	10	29
Cass	2	1	19	1	2	33	27	25	2	4
Cavalier	1	6	4	16	1	48	49	48	17	52
Dickey	32	20	33	13	22	11	8	16	3	5
Divide	18	45	7	37	47	38	45	50	38	43
Dunn	38	25	50	44	44	9	2	16	25	27
Eddy	50	47	24	26	42	26	40	30	48	12
Emmons	29	18	46	39	39	6	8	2	14	29
Foster	37	30	25	19	30	39	35	43	30	19
Golden Valley	49	48	26	51	49	46	41	35	23	36
Grand Forks	9	3	30	5	3	42	43	26	23	19
Grant	46	34	49	30	34	7	6	8	7	7
Griggs	34	19	40	20	18	30	41	30	33	36
Hettinger	23	12	27	25	40	32	27	18	14	47
Kidder	48	42	28	34	29	3	4	9	26	3
LaMoure	19	15	18	7	26	18	16	7	8	11
Logan	40	29	35	41	51	10	12	6	40	32
McHenry	22	16	21	24	17	1	4	10	20	24
McIntosh	41	27	41	32	38	12	14	4	33	33
McKenzie	27	28	23	46	35	15	3	40	45	2
McLean	7	13	6	28	30	8	19	14	22	33
Mercer	43	31	48	52	50	29	16	18	37	44
Morton	36	21	45	47	27	2	1	1	6	9
Mountrail	21	49	8	38	37	14	22	26	49	15
Nelson	14	31	9	17	15	41	43	30	27	25
Oliver	51	43	53	53	35	23	27	15	18	40
Pembina	5	2	37	6	9	50	48	50	12	42
Pierce	30	44	17	27	23	21	27	10	51	44
Ramsey	10	35	2	11	10	52	49	43	45	44
Ransom	39	26	47	14	19	20	14	30	9	9
Renville	26	37	15	31	21	49	49	35	50	49
Richland	20	9	38	4	12	22	20	12	1	26
Rolette	28	53	12	29	25	28	38	40	39	27
Sargent	42	33	31	18	13	27	13	20	4	13
Sheridan	31	22	32	33	28	36	31	20	36	49
Sioux	53	51	52	49	52	31	21	29	44	49
Slope	47	38	39	45	32	43	35	48	31	19
Stark	25	17	44	43	43	16	8	3	13	18
Steele	24	14	36	12	7	51	52	43	47	19
Stutsman	3	7	11	2	24	4	7	5	11	6
Towner	12	52	1	22	8	53	52	50	40	36
Traill	17	8	42	10	4	45	47	38	19	40
Walsh	4	5	16	9	5	40	39	30	16	48
Ward	6	24	3	23	19	13	16	12	28	17
Wells	13	11	14	8	16	35	25	24	29	14
Williams	11	10	13	35	46	25	22	43	40	16

1/ Crop rankings based on preliminary estimates of 1979 production. Cattle, milk cows and sheep were based on January 1, 1980 inventory, hogs on December 1, 1979 inventory.

NORTH DAKOTA FARM INCOME

Cash Receipts for 1979, Preliminary

Cash receipts from farm marketings for 1979 totaled $2,235 million in 1979, up 18 percent from 1978. Cash receipts from crops, at $1,622 million, rose 21 percent, and cash receipts from livestock and products, at $613 million, climbed 16 percent from the 1978 total. Cash receipts from crops accounted for 73 percent of the total, and cash receipts from livestock made up the remaining 27 percent. Government payments of $46.5 million brought the total cash receipts from farming to $2,281 million.

Sharply higher average prices for the year accounted for most of the jump in cash receipts. Crop prices averaged about 19 percent higher during 1979, while livestock prices averaged 28 percent more. Prices were higher for most crops, but the jump in the average hard wheat and durum price over 1978 was the big contributor to increased cash receipts. Increased sunflower production also contributed. Cattle prices were also up sharply but hogs averaged below 1978.

Cash Receipts for 1978, Revised

Revised cash receipts from marketings of farm products in 1978 totaled $1,866 million, an increase of 17 percent over 1977. Cash receipts from crops at $1,337 million, was up 19 percent, and cash receipts from livestock and products rose 12 percent to $529 million. Crops accounted for 72 percent of the cash receipts in 1978, while receipts for livestock provided the remaining 28 percent. Government payments more than doubled in 1978 to $278 million and brought total cash receipts from farming to $2,145 million.

Wheat continued as the largest cash crop in 1978 with receipts totaling $738 million, 34.4 percent of the total. Cattle and calves were second, accounting for 17.4 percent of the total with $373 million, and sunflower was third, generating cash receipts of $182 million, 8.5 percent of the total.

Income Per Farm

Realized gross income per farm jumped 23 percent in 1978 to $55,871. Realized net income per farm was $13,145 in 1978, double the 1977 figure and represents the first year to year increase since 1974. Realized net income per farm is the primary measure of change in the farmer's income position. Value of changes in inventory are not included.

Total net income per farm skyrocketed to $16,034 in 1978, almost six times the 1977 figure. This reverses a sharply declining trend as total net income dropped from a high of $34,461 in 1973 to a meager $2,811 in 1977. Total net income includes changes in inventory values.

Cash Receipts from Farm Marketings and Government Payments, North Dakota, 1976-78 and 1979 Preliminary 1/

Item	1976 2/	1977 2/	1978	Percent Total 1978 3/	1979 Preliminary
	--- Thousand Dollars ---			-Pct.-	-000 $-
CROPS					
Corn	11,649	19,378	26,634	1.3	
Wheat	748,811	637,925	737,941	34.4	
Oats	20,133	17,505	21,828	1.0	
Barley	153,202	118,002	131,417	6.1	Break-
Rye	5,592	3,885	9,525	.4	down
Flaxseed	29,850	31,939	27,267	1.3	
Sunflower	66,420	122,282	182,184	8.5	not Avail-
Potatoes	56,624	54,986	51,982	2.4	
Hay	20,454	14,281	21,656	1.0	able
Soybeans	12,838	15,842	20,696	1.0	
Sugar Beets	39,833	54,782	65,356	3.1	
Dry Field Beans	15,683	13,296	16,044	.7	
Alfalfa Seed	330	266	347	---	
Other Products 4/	18,490	21,616	24,110	1.1	
TOTAL CROPS	1,199,909	1,125,985	1,336,987	62.3	1,622,157
LIVESTOCK & PRODUCTS					
Cattle & Calves	339,272	336,257	373,077	17.4	
Hogs	40,800	33,614	40,950	1.9	
Sheep & Lambs	4,190	6,561	7,527	.4	
Turkeys	4,681	4,944	6,115	.3	Break-
Chickens	146	64	46	---	down
Eggs	3,330	2,798	2,458	.1	not
Milk, Wholesale	73,530	75,680	82,130	3.8	
Milk Retail	818	600	642	---	Avail-
Milkfat in Cream	1,137	807	557	---	able
Honey & Beeswax	7,306	6,306	9,793	.5	
Wool	1,126	1,224	1,214	.1	
Other Products 5/	2,451	3,705	4,904	.2	
TOTAL LIVESTOCK & PRODUCTS	478,787	472,560	529,413	24.7	612,504
Total Crops & Livestock	1,678,696	1,598,545	1,866,400	87.0	2,234,661
Government Payments	22,744	122,603	278,179	13.0	46,519
GRAND TOTAL	1,701,440	1,721,148	2,144,579	100.0	2,281,180

1/ Source: Farm Income Situation 609 and Supplement, Oct. 1979. 2/ Revised 3/ Items may not add due to rounding 4/ Miscellaneous vegetables, miscellaneous fruits and nuts, bromegrass, red clover, wheat grass, other seeds, other field crops and greenhouse products. 5/ Horses, other poultry, turkey eggs, etc.

Cash Receipts from Marketings, by Months and Percent Distribution, North Dakota, 1979 1/

Month	Livestock		Crops		Total	
	(000 $)	(Pct.)	(000 $)	(Pct.)	(000 $)	(Pct.)
January	73,787	12.1	103,105	6.4	176,892	7.9
February	64,515	10.5	61,791	3.8	126,306	5.7
March	58,558	9.6	82,361	5.1	140,919	6.3
April	57,320	9.4	58,182	3.6	115,502	5.2
May	56,494	9.2	71,853	4.4	128,347	5.7
June	34,548	5.6	125,181	7.7	159,729	7.1
July	26,578	4.3	204,942	12.6	231,520	10.4
August	32,549	5.3	125,228	7.7	157,777	7.1
September	29,835	4.9	189,709	11.7	219,544	9.8
October	48,993	8.0	230,034	14.2	279,027	12.5
November	68,624	11.2	206,804	12.8	275,428	12.3
December	60,703	9.9	162,967	10.0	223,670	10.0
Year	612,504	100.0	1,622,157	100.0	2,234,661	100.0

1/ Preliminary. Source: Farm Income Situation, FIS-609.

Cash Receipts from Government Payments
North Dakota, 1976-79

Item	1976	1977	1978	1979
	--- Thousand Dollars ---			
Conservation 1/	4,835	5,297	5,375	2,874
Sugar Act	2/	1,218	2/	2/
Great Plains Conservation	763	768	889	710
Feed Grain Program	5,616	5,293	75,827	7,729
Wheat Program	9,313	101,617	161,885	8,227
Cropland Adjustment	397	0	0	0
Water Bank Program	2/	1,769	2,221	2,904
Drought & Flood Conservation Program	2/	5,251	876	2/
Miscellaneous 3/	1,821	1,390	31,108	24,075
TOTAL	22,744	122,603	278,179	46,519

1/ Includes amount paid under other similar programs not listed separately. 2/ Included in miscellaneous. 3/ Includes Wool, Milk Indemnity Program, Bee Keepers Indemnity Program, Emergency Feed Program and other miscellaneous programs.

Income per Farm, North Dakota, 1966-78

Year	Realized Gross Income per Farm 1/	Realized Net Income per Farm 2/	Total Net Income per Farm 3/
	--- D o l l a r s ---		
1966	18,924	6,408	5,677
1967	18,623	5,239	5,020
1968	19,034	4,387	4,412
1969	21,217	5,805	6,935
1970	22,174	6,705	5,380
1971	23,272	6,027	8,014
1972	32,136	13,503	13,626
1973	54,188	28,008	34,461
1974	59,594	29,207	23,973
1975	46,545	11,203	16,966
1976	43,793	6,518	7,637
1977	45,303	6,323	2,811
1978 5/	55,871	13,145	16,034

1/ Excludes changes in inventories. 2/ Excludes changes in inventories. 3/ Includes changes in inventories. 5/ Preliminary. Source: FIS 609

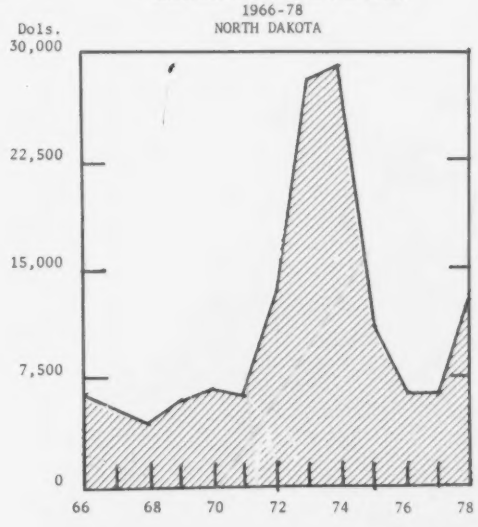
Farm Production Expenses
North Dakota, 1976-78

Item	1976	1977	1978
	--- Million Dollars ---		
Feed	58.9	53.8	49.9
Livestock	13.4	21.9	24.9
Seed	66.2	59.2	63.8
Fertilizer & Lime	128.5	133.2	148.1
Repair & Operation of Capitol Items	268.4	287.8	309.1
Miscellaneous	246.7	255.8	291.4
Hired Labor	71.1	62.9	76.7
Total Current Farm Operating Expenses	853.2	874.6	963.9
Depreciation & Other Consumption of Farm Capital	410.2	428.7	448.2
Taxes on Farm Property	61.4	70.7	75.8
Interest on Farm Mortgage Debt.	59.8	69.6	83.4
Net Rent to Non-Farm Landlords	181.0	174.1	201.8
Total Production Expenses	1565.5	1617.7	1773.1

Value of Home Consumption
North Dakota, 1976-78

Item	1976	1977	1978
	--- Thousand Dollars ---		
Cattle & Calves	7,969	7,823	13,229
Hogs	2,459	2,015	2,981
Sheep & Lambs	92	163	129
Dairy	1,674	1,355	1,421
Poultry	128	54	47
Eggs	307	308	283
ALL LIVESTOCK & PRODUCTS	12,629	11,718	18,090
Vegetables	2,458	2,267	2,154
Fruit & Berries	33	35	37
Other Products	120	81	81
ALL CROPS	2,611	2,383	2,272
TOTAL ABOVE	15,240	14,101	20,362

REALIZED NET INCOME PER FARM
1966-78
NORTH DAKOTA



Total Cash Receipts and Total Income,
North Dakota, 1976-78

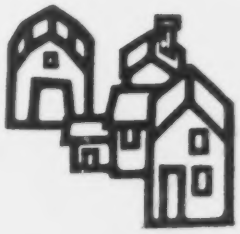
Item	1976	1977	1978
	--- Million Dollars ---		
Cash Receipts from Farm Marketings	1,678.7	1,598.5	1,866.4
Government Payments	22.7	122.6	278.2
Non-Money Income	114.8	132.4	145.1
Other Farm Income	23.1	26.6	28.9
Total Realized Gross Farm Income	1,839.3	1,880.1	2,318.7
Farm Production Expenses	1,565.5	1.617.7	1,773.1
Realized Net Farm Income	273.7	262.4	545.5
Net Change in Farm Inventories	47.0	-145.7	119.9
Total Net Farm Income	320.7	116.7	665.4

FARM REAL ESTATE

NUMBER OF FARMS, AVERAGE SIZE, AND ALL LAND IN FARM
North Dakota, 1965-1980

Year	Number of Farms 1/		Average Size of Farms		All Land in Farms	
	Old Definition	New Definition	Old Definition	New Definition	Old Definition	New Definition
	- - - Number - - -		- - - Acres - - -		- - Thousand Acres - -	
1965	49,500		848		42,000	
1966	49,000		857		42,000	
1967	48,000		873		41,900	
1968	47,000		891		41,900	
1969	46,000		911		41,900	
1970	45,500		921		41,900	
1971	45,000		929		41,800	
1972	44,000		950		41,800	
1973	43,500		961		41,800	
1974	43,000		970		41,700	
1975	42,500	42,000	981	993	41,700	41,690
1976	42,000	41,500	993	1,005	41,700	41,690
1977	41,500	41,000	1,005	1,017	41,700	41,690
1978	41,500	41,000	1,005	1,017	41,700	41,690
1979		40,500		1,017		41,690
1980 2/		40,000		1,042		41,690

1/ The "Old Definition" includes places of 10 or more acres that had annual sales of $50 or more and places of less than 10 acres that had annual sales of $250 or more. The "New Definition" includes places which had annual sales of agricultural products of $1,000 or more. 2/ Preliminary.

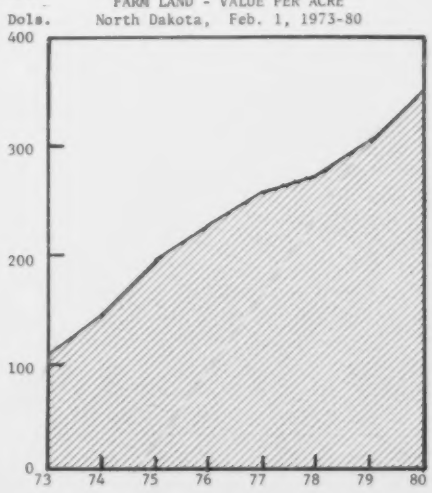


FARM REAL ESTATE VALUE
North Dakota, 1973-1980

Year	Total Value	Value of Buildings	Value Per Acre	
			Dollars	Index
	- - Million Dollars - -		(Dols.)	1967=100
1973	5,414	695	108	142
1974	6,005	913	144	193
1975	8,130	1,220	195	265
1976	9,505	1,416	228	310
1977	10,756	1,592	258	349
1978	11,381	1,673	273	369
1979	12,757	1,863	306	413
1980	14,675	2,128	352	475

Source: Farm Real Estate Market Developments, August 1979, ESCS-Economics. 1/ March 1 prior to 1976.

FARM LAND - VALUE PER ACRE
North Dakota, Feb. 1, 1973-80



GROSS RENTS PER ACRE AND RATIO TO VALUE
North Dakota, 1973-1980

Year	Farms		Cropland		Pastures	
	Gross Rent Per Acre	Ratio Gross Rent to Value	Gross Rent Per Acre	Ratio Gross Rent to Value	Rent Per Acre	Ratio Rent to Value
	($)	(%)	($)	(%)	($)	(%)
1973	9.70	8.8	11.50	8.6	4.70	6.6
1974	13.40	9.0	17.40	8.9	6.20	6.3
1975	15.10	7.5	20.30	8.1	7.10	5.7
1976	19.90	7.3	25.00	7.7	7.20	5.5
1977	20.10	6.7	25.20	7.0	7.60	5.0
1978	19.70	6.5	24.70	6.6	7.40	4.8
1979	22.40	6.2	27.80	6.4	7.80	4.4
1980	24.10	6.0	30.40	6.4	8.70	4.6

Source: Farm Real Estate Market Developments
ESCS - Economics

RENT PER ACRE BY DISTRICT, NORTH DAKOTA
1979-1980

District	Rented For Cash					
	Farms		Cropland		Pasture	
	1979	1980	1979	1980	1979	1980
	- - - D o l l a r s - - -					
Northwest	18.00	20.50	21.00	24.80	6.50	6.40
North Central	22.00	23.60	27.00	28.60	8.50	9.70
Northeast	30.00	33.60	34.00	37.80	7.50	8.20
West Central	16.00	15.60	20.00	21.40	6.00	8.30
Central	22.00	23.90	27.00	29.40	9.00	8.80
East Central	38.00	43.40	42.00	48.10	10.50	11.20
Southwest	15.00	16.00	20.00	20.30	7.00	8.10
South Central	15.00	15.30	20.00	19.30	8.00	8.40
Southeast	29.00	29.00	33.00	35.20	12.50	13.40
STATE	22.40	24.10	27.80	30.40	7.80	8.70

FARM REAL ESTATE DEBT: Total of Outstanding Loans and Amounts Held by Principal Lending Groups, North Dakota, January 1, 1972-79

Year	Federal Land Bank	Farmers Home Admin.	Life Insurance Companies	Banks	Individual & Others	Total
	- - - - - - - - - Thousand Dollars - - - - - - - - -					
1972	174,715	138,761	23,300	60,020	191,804	588,600
1973	192,854	153,845	22,900	59,496	216,087	645,182
1974	213,916	163,521	22,100	62,800	255,937	718,274
1975	247,316	169,325	20,700	59,785	252,880	750,006
1976	295,751	175,166	21,300	64,717	251,710	808,644
1977	381,916	179,896	23,700	71,589	261,753	918,854
1978	493,671	185,574	40,144	67,730	266,401	1,053,520
1979	574,800	182,500	60,100	89,900	294,600	1,201,900

Source: Agricultural Finance Statistics, ESCS-Economics.

FARM TITLE TRANSFERS
Estimated Number per 1,000 Farms by Method of Transfer, North Dakota, Years Ending February 1, 1975-79

Method	1975	1976	1977	1978	1979
	--- Number per Thousand ---				
Voluntary Sales and Trades	20.8	20.2	15.1	13.1	17.2
Estate Settlements	5.0	5.3	6.6	5.4	3.9
Forced Sales Foreclosures	---	1.0	1.4	1.8	1.2
All Other Sales	4.7	5.3	8.2	6.8	5.2
TOTAL, ALL CLASSES	30.5	31.9	31.3	27.0	27.5

Source: Farm Real Estate Market Developments, August, 1979.

TAXES LEVIED ON FARM REAL ESTATE
North Dakota, 1972-77

Year	Total	Per Acre	Per $100 Full Value	% of Farm Income	
				Net	Gross
	(Mil. $)	($)	($)	(%)	(%)
1972	51.2	1.27	1.23	6.5	3.6
1973	51.5	1.27	1.12	2.8	2.0
1974	53.1	1.32	.87	3.6	2.1
1975	58.5	1.50	.74	5.7	2.6
1976	61.4	1.58	.66	10.3	3.3
1977	70.4	1.74	.71	18.7	4.1

Source: Farm Real Estate Taxes, ESCS-Economics.

NON-REAL ESTATE LOANS TO FARMERS
Amount Outstanding January 1, by Selected Lending Agencies, North Dakota, 1972-79

Year	All Operating Banks	Farmers Home Admin.	Prod. Credit Assn.	Federal Intermediate Credit Banks	Total
			- - - - - - - Thousand Dollars - - - - - - -		
1972	244,712	31,983	129,894	6,839	413,428
1973	266,201	35,789	135,929	6,404	444,323
1974	339,292	37,570	159,986	7,832	544,680
1975	411,514	37,476	195,100	10,356	654,446
1976	523,386	55,604	245,300	12,182	836,472
1977	586,652	66,032	294,268	11,215	958,167
1978	576,374	150,413	304,584	10,236	1,041,607
1979	647,346	290,350	347,576	12,635	1,297,907

Source: Agricultural Finance Statistics, ESCS-Economics.

NORTH DAKOTA WEATHER DATA

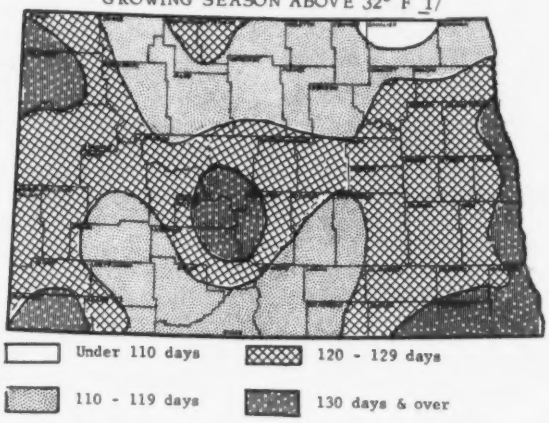
PRECIPITATION, MEAN TEMPERATURE AND DEPARTURES,
NORTH DAKOTA, APRIL-SEPTEMBER 1979

Month	Precipitation	Departure	Mean Temperature	Departure
	(Inches)	(Inches)	(Degrees F)	(Degrees F)
April	2.08	+ .61	33.5	- 7.9
May	1.61	- .74	48.8	- 4.6
June	2.32	-1.40	64.0	+ 1.3
July	2.94	+ .36	70.0	+ .7
August	1.51	- .79	65.5	- 2.5
September	.81	- .89	60.2	+ 3.6

DAYS MAXIMUM TEMPERATURES REACHED 90° OR MORE
AT MAIN NORTH DAKOTA WEATHER STATIONS
JUNE 1 THROUGH AUGUST 31

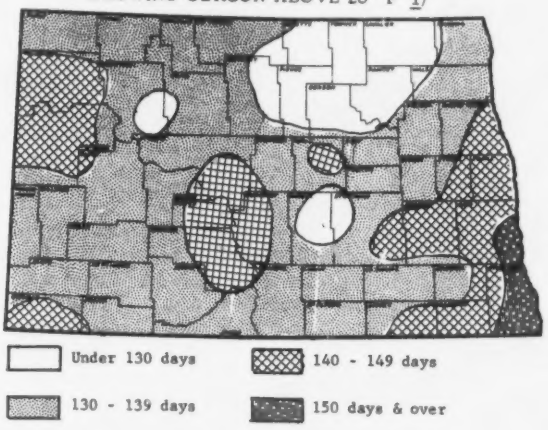
Station	1976	1977	1978	1979
	- - - - Number of Days - - - -			
Fargo	24	8	8	8
Bismarck	33	9	12	14
Williston	15	9	12	12
Dickinson	18	8	9	10

LONG-TERM AVERAGE NUMBER OF DAYS IN
GROWING SEASON ABOVE 32° F 1/

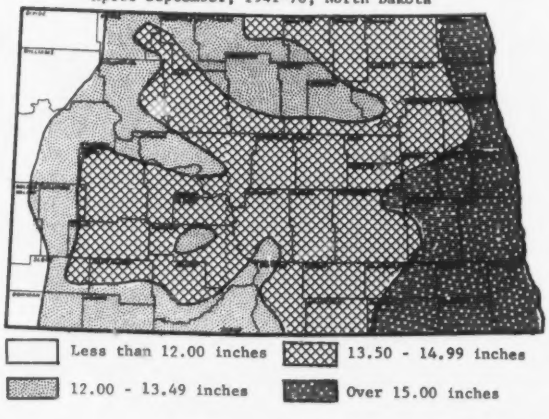


1/ Based on data for selected stations. Number of years used in average ranges by station from 26-78 years.

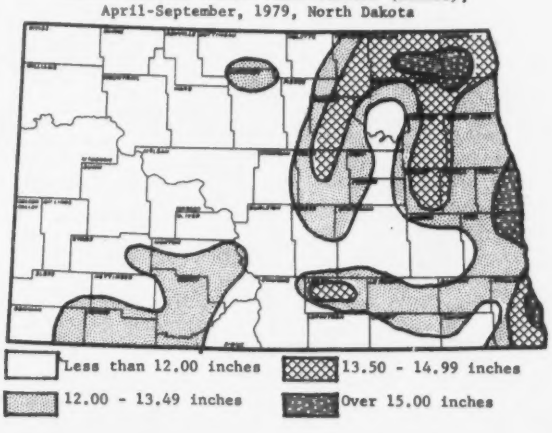
LONG TERM AVERAGE NUMBER OF DAYS IN
GROWING SEASON ABOVE 28° F 1/



AVERAGE GROWING SEASON PRECIPITATION (Inches),
April-September, 1941-70, North Dakota



ANNUAL GROWING SEASON PRECIPITATION (Inches),
April-September, 1979, North Dakota



BEST AVAILABLE COPY

AVERAGE TEMPERATURE BY MONTHS, BY STATIONS AND CROP REPORTING DISTRICTS, NORTH DAKOTA, 1979 1/
(Degrees F)

District and Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Crosby	-2.3	-.4	22.7	33.3	50.1	65.5	71.7	66.3	60.9	46.9	25.9	23.4	38.7
Foxholm	-4.1	-3.4	18.9	28.7	46.1	62.6	68.1	M	60.4	46.1	26.9	23.5	36.6
Grenora	-3.4	1.0	23.2	33.8	49.0	65.2	70.8	66.0	60.4	46.2	25.0	25.5	38.6
Kenmare	-5.9	-4.0	19.1	29.5	45.7	61.5	68.6	61.8	55.9	42.0	25.8	22.7	35.2
Minot (Exp. Station)	-4.2	-1.5	20.3	30.7	47.8	63.9	70.5	65.1	58.6	44.1	26.4	23.1	37.1
Mohall	-5.4	-5.8	M	M	44.6	61.0	66.8	61.8	56.0	41.7	24.1	20.0	34.8
New Town	-1.6	1.7	22.9	M	M	66.3	70.9	67.8	62.5	47.2	27.0	24.9	39.0
Powers Lake	-5.0	-2.7	19.6	29.3	45.6	61.6	69.3	63.5	57.2	43.8	24.4	21.1	35.3
Tioga	-6.3	-3.0	18.3	29.7	46.0	62.6	68.5	63.4	56.3	43.3	23.2	21.1	35.3
Williston (WSO AP)	-2.2	1.7	23.0	34.6	49.2	65.0	70.3	66.9	61.1	46.7	25.1	23.8	38.8
NORTHWEST DISTRICT (1)	-4.2	-1.6	21.0	31.3	47.3	63.5	69.8	64.9	59.0	45.0	26.3	23.1	37.1
Bottineau	-7.8	-4.5	17.1	29.1	46.7	63.3	69.6	64.1	56.8	41.9	22.8	16.1	34.6
Drake	-5.6	-5.0	18.7	30.4	48.3	63.8	71.3	65.4	60.0	44.3	25.1	23.5	36.7
Granville	-4.3	-1.4	18.8	30.4	47.0	64.9	71.0	65.1	58.6	43.9	25.5	23.6	36.2
Leeds	-7.8	-5.8	15.1	28.4	46.5	63.0	70.0	63.3	57.5	41.2	22.7	19.7	34.7
Rolla	-5.6	-4.7	17.5	28.1	44.7	60.5	67.7	62.1	54.8	40.8	24.4	19.2	34.1
Rugby	-4.8	-1.3	19.8	31.9	49.6	65.7	71.5	66.6	M	46.0	27.3	22.6	37.7
Upham	-9.3	-4.3	16.7	28.8	47.3	62.5	68.5	63.5	56.4	M	23.7	16.9	34.2
Westhope	-6.6	-4.1	19.0	31.4	49.5	63.8	69.6	64.6	58.8	44.0	24.8	18.1	36.1
Willow City	-9.8	-7.0	14.1	28.4	47.3	62.9	69.7	63.3	56.1	41.1	23.2	15.7	33.8
NORTH CENTRAL DISTRICT (2)	-6.8	-4.0	17.9	29.8	47.7	63.4	69.7	64.3	57.4	42.8	24.8	19.8	35.6
Cavalier	-8.8	-6.7	14.8	28.9	46.5	62.2	69.2	61.8	56.7	41.5	25.3	18.1	34.1
Devils Lake	M	M	17.0	30.3	47.5	63.7	71.2	64.9	M	43.6	25.1	20.2	35.7
Edmore	-8.9	-5.5	15.6	29.8	46.8	62.0	68.3	63.3	57.1	40.8	23.0	18.0	34.2
Grafton	-6.6	-2.9	18.9	33.9	50.2	65.5	72.1	66.0	61.4	44.9	26.2	21.3	37.6
Grand Forks (FAA AP)	-7.8	-4.1	17.9	33.0	48.1	63.6	69.1	64.7	58.9	42.8	25.9	21.5	36.1
Hannah	-9.5	-6.7	14.0	26.8	45.7	61.2	67.1	61.7	55.6	40.5	23.5	16.7	33.1
Langdon	-8.5	-6.1	14.5	28.0	45.9	62.0	67.2	61.8	56.7	41.7	23.2	18.0	33.7
Larimore	-5.9	-4.4	M	31.5	47.7	62.7	68.9	62.1	58.1	42.9	26.5	M	35.4
Park River	-4.3	-2.2	19.4	33.2	49.2	65.2	71.2	66.0	61.8	45.8	27.1	21.9	37.9
Petersburg	-8.6	-6.4	13.5	28.8	45.5	60.8	67.3	60.5	55.9	40.5	23.3	17.3	33.2
NORTHEAST DISTRICT (3)	-7.7	-5.2	16.1	30.4	47.0	62.7	69.0	62.9	57.8	42.3	24.5	18.7	34.4
Beulan	-3.0	.7	21.0	32.9	49.4	64.3	70.3	65.6	60.2	46.4	26.2	23.9	38.3
Butte	-.8	.0	21.8	33.3	49.5	65.8	70.7	66.7	62.0	46.0	26.5	24.8	38.9
Center	-2.1	2.1	23.0	34.6	49.8	64.4	69.8	66.4	60.8	46.5	26.5	25.7	39.0
Dunn Center	-1.6	1.4	23.1	34.1	49.1	63.9	M	66.4	62.1	47.6	27.1	25.9	39.1
Garrison	-5.1	-3.8	20.2	31.5	48.1	63.2	70.0	65.7	60.4	46.2	27.7	23.9	37.3
Max	-4.6	-2.9	19.2	30.2	46.6	63.3	69.4	64.0	57.5	43.2	25.0	23.0	36.2
Riverdale	-2.8	-2.4	M	30.6	48.0	63.0	69.5	64.9	M	46.2	M	M	37.1
Watford City (14S)	.9	5.7	27.0	37.8	51.8	66.9	71.8	68.6	62.8	50.1	27.2	27.4	41.7
WEST CENTRAL DISTRICT (4)	-2.5	.7	22.6	33.5	49.1	64.8	70.4	66.3	61.0	46.4	26.7	25.1	38.7
Carrington	-6.2	-2.9	17.6	30.8	46.9	62.0	69.7	63.8	58.7	42.9	25.0	21.6	35.8
Fessenden	-4.9	-.8	20.7	33.3	50.0	65.4	71.2	65.8	61.0	45.2	26.6	24.1	38.1
Jamestown (FFA AP)	-4.5	-1.8	20.4	34.2	48.9	64.5	71.2	66.4	61.0	43.2	24.9	22.4	37.6
McClusky	-3.6	-.3	20.7	33.1	50.0	65.8	72.0	67.8	62.3	45.5	26.9	23.9	38.7
Pettibone	-7.0	-1.7	20.6	M	46.1	63.1	69.6	65.4	60.7	43.7	24.6	22.7	36.7
Sheyenne	-4.6	-1.5	19.7	31.8	49.3	65.0	71.3	66.0	61.3	43.8	25.3	22.5	37.5
Tuttle	-5.6	-3.7	17.3	30.6	47.4	62.7	69.1	64.5	58.4	42.2	24.5	21.2	36.1
CENTRAL DISTRICT (5)	-5.0	-1.8	19.6	32.4	48.3	63.9	70.2	65.2	60.4	43.6	25.3	22.5	37.1
Colgate	-6.1	-3.1	19.7	33.8	50.0	64.3	70.1	65.8	61.5	43.8	24.2	21.5	37.1
Cooperstown	-6.5	-2.1	20.6	33.2	49.2	64.8	70.9	66.4	61.9	44.0	24.4	21.2	37.3
Fargo	-4.2	-1.5	20.4	36.0	50.4	65.4	71.9	67.3	62.0	42.6	24.5	20.7	38.0
Hillsboro	-4.7	-2.2	21.0	35.4	50.7	65.9	71.9	67.3	64.0	44.0	25.1	21.5	38.3
Mayville	-5.3	-2.9	20.2	34.3	49.8	64.8	70.7	66.4	61.7	45.0	24.9	21.1	37.6
Sharon	-8.0	-4.3	17.4	30.9	47.4	62.7	69.0	64.4	59.4	43.2	23.5	20.0	35.9
Valley City	M	-3.7	18.3	31.6	47.1	62.0	68.9	64.1	59.3	42.0	24.2	19.8	35.7
EAST CENTRAL DISTRICT (6)	-5.8	-2.8	19.7	33.6	49.2	64.3	70.5	66.0	61.4	43.5	24.4	20.8	37.1
Amidon	1.2	8.4	M	36.6	49.0	63.5	69.4	66.0	61.8	47.8	27.3	29.1	40.5
Bowman (Courthouse)	.3	6.0	25.5	37.2	49.7	63.2	69.1	66.6	M	47.2	27.3	27.5	40.1
Dickinson (Exp. Station)	-1.7	3.6	23.2	35.5	M	62.1	68.3	65.0	59.5	46.7	25.6	26.4	38.7
Fairfield	-1.1	4.6	24.7	35.6	49.1	63.5	68.9	66.2	61.5	47.0	27.0	27.8	39.6
Hettinger	-.5	5.2	25.0	38.1	49.9	62.6	69.1	65.9	59.4	46.7	28.4	25.0	39.7
Mott	-.6	4.6	25.3	38.5	50.8	64.2	69.1	66.5	61.7	47.7	27.5	27.2	40.2
Richardton	.1	5.6	25.6	37.3	51.2	65.3	69.3	M	62.2	48.0	28.2	29.2	40.7
Trotters	-1.0	5.8	25.6	36.8	49.6	63.8	69.2	66.8	61.5	48.2	26.9	27.3	40.1
SOUTHWEST DISTRICT (7)	-.2	5.7	25.3	37.5	50.2	64.2	69.5	66.7	61.5	47.7	27.4	27.8	40.3
Almont	-2.2	2.5	M	M	M	65.9	71.0	67.7	61.5	47.0	26.6	26.5	39.8
Bismarck	-2.2	-.7	22.2	35.1	50.0	64.3	70.2	65.7	59.4	44.6	25.9	23.7	38.2
Carson	-4.0	.6	20.5	33.6	48.1	62.2	68.5	65.1	59.8	46.2	26.7	25.4	37.7
Fort Yates	1.2	3.9	26.3	37.4	53.0	66.6	72.2	70.7	66.5	51.1	31.1	28.2	42.4
Linton	-2.4	2.7	26.4	39.0	52.7	66.4	72.2	69.2	64.8	48.3	27.9	25.0	41.0
SOUTH CENTRAL DISTRICT (8)	-2.0	2.1	23.6	36.4	50.8	65.0	70.6	66.9	62.0	47.1	27.3	25.7	39.6
Ashley	-2.3	2.4	23.4	37.0	51.2	64.7	69.7	67.1	63.1	46.1	26.2	25.4	39.5
Ellendale	-1.2	1.4	22.5	37.7	50.7	64.7	69.8	67.3	63.4	46.6	27.4	25.9	39.7
Forman	-5.1	-1.4	20.4	36.2	49.8	63.8	70.3	65.3	60.9	44.2	26.3	23.2	37.8
Fullerton	-1.1	.9	23.7	37.9	52.1	65.2	69.8	66.0	61.3	45.2	27.2	25.4	39.5
Hankinson	-3.4	-1.4	19.9	35.6	50.0	63.7	70.9	66.4	61.4	45.1	27.3	23.7	38.1
Lisbon	-2.5	.2	22.6	36.0	49.2	63.6	69.6	66.9	61.7	44.3	25.9	24.1	38.2
McLeod	-2.7	-.4	22.5	37.0	51.4	65.6	71.0	67.0	62.8	45.2	26.1	24.6	39.2
Napoleon	-4.4	-.9	21.0	M	48.4	63.2	M	65.5	60.2	43.9	25.9	22.7	37.1
Oakes	-3.0	-.2	21.9	36.9	50.3	65.5	71.4	67.4	62.2	44.3	27.3	23.0	38.9
Wahpeton	-2.0	.5	22.1	38.3	51.6	66.8	71.8	66.3	62.5	45.5	27.7	24.1	39.6
Wishek	-5.5	-1.7	19.7	33.6	47.8	62.4	M	64.4	59.6	42.8	23.9	22.7	36.7
SOUTHEAST DISTRICT (9)	-3.3	-.4	21.5	36.2	49.9	64.3	70.6	66.1	61.4	44.7	26.1	23.5	38.2
STATE	-4.2	-.8	20.8	33.5	48.8	64.0	70.0	65.5	60.2	44.8	25.9	23.0	37.6

Underlined figures are less than 30-day average. M - Missing. 1/ Preliminary Data. Source: Environmental Data Service.

MONTHLY PRECIPITATION BY STATIONS AND DISTRICTS, NORTH DAKOTA, 1979 1/
(Inches)

District and Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Crosby	.17	.46	.44	1.56	2.90	.84	1.22	.57	1.19	.35	.21	.12	10.03
Foxholm	.06	.79	1.13	2.16	1.45	.97	.37	1.42	.91	.55	.09	.30	10.20
Grenora	.10	.45	.30	2.53	2.06	1.69	.91	.02	1.01	.30	.03	T	9.40
Kenmare	.14	.77	.87	1.59	1.54	1.13	1.82	.49	1.11	.43	.13	.22	10.24
Minot (Exp. Station)	.21	1.59	1.47	2.70	1.78	.89	1.94	.46	.46	.37	.24	.46	12.57
Newtown	.10	1.10	.69	1.37	M	1.16	1.17	.13	.45	.22	.02	.06	8.51
Powers Lake	.14	.64	1.31	2.00	1.85	.53	.97	.04	1.02	.36	.20	.29	9.35
Williston (WSO AP)	.12	.81	1.01	1.69	1.82	2.93	1.78	.33	.38	.23	.06	.09	11.25
NORTHWEST DISTRICT (1)	.13	.83	.93	1.92	2.04	1.23	1.43	.44	.91	.34	.12	.21	10.53
Bottineau	.11	.84	1.36	2.38	1.44	.79	1.51	.82	1.94	.61	.59	.53	12.92
Drake	.21	1.18	1.24	1.61	1.11	2.17	4.31	.43	.38	.49	.04	.42	13.59
Granville	M	M	M	2.98	M	1.63	2.63	2.20	.53	.40	M	.75	15.01
Leeds	.40	1.39	1.73	2.12	1.35	5.15	3.49	2.29	.51	.19	.23	.05	18.90
Rolla	.32	.92	1.22	2.26	1.44	1.63	1.87	2.09	1.87	.42	.27	.29	14.60
Rugby	.19	1.05	1.29	2.84	1.31	2.19	1.24	2.50	M	.33	.11	.50	14.97
Upham	.20	.69	1.03	2.33	1.38	1.04	3.34	.17	3.87	.51	.19	.60	15.35
Westhope	.09	.59	.43	1.64	1.86	1.88	.81	.54	1.94	.16	.12	.39	10.45
Willow City	.24	1.24	1.49	2.05	1.35	1.75	2.40	.84	1.89	.34	.09	.41	14.09
NORTH CENTRAL DISTRICT (2)	.21	.91	1.09	2.04	1.48	1.80	2.52	1.31	1.42	.39	.20	.41	13.78
Devils Lake	M	M	1.25	1.44	.67	4.19	2.82	1.45	M	.12	.42	.10	14.51
Edmore	.23	.59	1.02	1.70	1.40	2.85	2.75	1.50	.32	.21	.11	.08	12.76
Grafton	.96	1.44	1.87	3.78	2.41	2.15	2.35	1.40	.35	.70	.38	.10	17.89
Grand Forks (FAA AP)	.52	1.40	1.63	3.18	1.66	2.17	3.37	1.81	.44	1.57	.22	.07	18.04
Hannah	.10	.12	M	M	1.27	3.85	1.83	2.36	1.67	.46	.16	.10	15.99
Langdon	.14	.82	1.41	1.84	2.08	2.74	4.54	5.09	1.05	.54	.10	.09	20.44
Park River	.83	1.00	1.33	2.52	2.05	3.15	4.77	1.16	.62	.60	.56	.20	18.79
Pembina	.26	.55	.84	2.93	3.33	2.06	2.54	3.00	.74	.71	.81	.11	17.88
Petersburg	.75	.86	1.62	4.82	2.23	2.78	3.10	1.00	.97	.19	1.47	.00	19.79
NORTHEAST DISTRICT (3)	.42	.88	1.32	2.75	1.96	2.90	2.98	2.11	.75	.53	.40	.12	17.12
Beulah	.06	1.19	.43	1.78	.80	2.39	4.48	.89	1.26	.40	.15	.08	13.91
Center	.24	1.54	.82	1.56	.88	2.36	3.02	1.62	.86	.31	.04	.46	13.71
Dunn Center	.14	.98	.39	1.51	1.30	1.84	M	1.78	.92	.43	.10	.25	12.97
Garrison	T	1.15	.76	1.93	1.14	1.74	2.35	2.50	.66	.29	.04	.35	12.91
Riverdale	.04	.57	.24	M	1.07	M	3.22	2.11	.83	.34	T	.40	12.42
Watford City (14S)	.06	.74	.53	1.79	1.07	.96	3.24	.13	.51	.16	.08	.18	9.45
Wilton	.56	1.26	.77	1.16	.55	M	3.57	.66	.77	.23	.08	M	11.89
WEST CENTRAL DISTRICT (4)	.17	1.07	.64	1.57	1.16	2.03	3.33	1.49	.84	.32	.10	.25	12.97
Carrington	.59	1.49	1.39	2.13	1.80	3.77	1.98	1.38	.52	.18	.38	.34	15.95
Fessenden	.56	1.69	1.38	2.12	2.43	4.26	2.23	1.78	.80	.31	.25	.40	18.21
Jamestown (FFA AP)	.35	2.15	.60	2.59	2.14	2.58	1.55	1.85	.45	.44	.26	.21	15.17
McClusky	.56	1.45	1.31	1.49	1.38	2.13	3.82	.94	.92	.28	.14	.30	14.72
Pettibone	.31	1.81	.71	1.35	M	3.61	4.81	.59	.28	.30	.21	.18	16.01
Sheyenne	T	M	.95	M	1.26	3.77	2.96	1.90	.36	.30	.05	.19	15.31
Tuttle	.47	1.49	1.13	1.69	1.36	2.73	1.98	2.31	.41	.20	.14	.17	14.08
CENTRAL DISTRICT (5)	.40	1.38	1.17	2.19	1.85	3.35	2.80	1.55	.57	.38	.23	.31	16.18
Colgate	.52	.51	M	M	2.26	2.03	2.41	2.38	.24	1.28	M	.18	17.31
Cooperstown	.59	1.40	1.20	3.18	1.72	3.20	3.76	2.00	.30	1.18	.42	.25	19.20
Fargo	.44	1.74	2.00	3.04	2.02	2.92	3.38	.90	.31	2.60	.48	.14	19.97
Hillsboro	.42	1.59	1.33	4.07	3.24	2.36	3.01	2.73	.28	1.53	.63	.24	21.43
Mayville	.97	1.30	1.56	4.09	2.14	2.05	1.69	2.24	.44	1.46	.31	.23	18.48
Sharon	.62	1.38	1.82	4.03	1.88	2.45	3.90	1.42	.33	1.20	M	.13	19.68
Valley City	M	1.49	.82	2.70	2.16	2.17	2.15	1.21	.46	.80	.74	.28	15.63
EAST CENTRAL DISTRICT (6)	.65	1.34	1.46	3.52	2.20	2.45	2.90	1.84	.34	1.44	.52	.21	18.87
Amidon	.24	.69	M	.87	.91	1.89	4.03	.97	1.62	.22	.16	.38	12.36
Bowman (Courthouse)	.25	1.44	.50	1.09	1.14	2.96	3.64	2.34	M	.40	.16	.11	15.30
Dickinson (Exp. Station)	.27	.98	.23	1.28	M	3.06	2.22	2.21	1.27	.17	.11	.10	12.91
Fairfield	.05	.36	.14	1.32	.85	.97	1.68	1.19	.61	.36	.09	.02	7.64
Hettinger	.14	.77	.26	1.16	1.59	1.51	3.53	3.03	2.08	.30	T	T	14.37
Medora	.13	.68	.25	1.01	.90	1.14	2.58	1.01	1.07	.49	.46	.05	9.77
Mott	.31	1.38	.45	1.64	.93	1.81	2.73	1.13	1.31	.15	.14	.05	12.03
Richardton	.24	1.10	.56	1.72	.57	3.52	4.64	.94	1.65	.36	.16	.15	15.61
SOUTHWEST DISTRICT (7)	.20	.94	.38	1.22	1.01	1.92	3.04	1.42	1.27	.29	.28	.11	12.08
Bismarck	.54	1.21	1.15	.94	1.07	.76	3.22	1.73	.82	.10	.05	.22	11.81
Carson	.31	.73	.20	1.03	.87	2.06	5.93	2.47	.78	.22	.01	.06	14.67
Fort Yates	.37	.71	1.05	.71	.75	1.01	2.49	.99	.32	.06	T	.04	8.50
Linton	.69	1.65	1.18	.89	.89	1.61	3.65	.98	.29	.23	T	.06	12.12
New Salem	.43	1.33	.50	1.52	.99	2.75	4.15	1.47	1.11	.25	.02	.17	14.69
SOUTH CENTRAL DISTRICT (8)	.39	1.04	.65	1.07	1.01	1.96	4.43	1.86	.76	.21	.03	.14	13.55
Ashley	.48	.78	.35	1.75	1.41	4.94	1.80	.80	.65	.73	.30	.45	14.44
Ellendale	.23	.42	.71	2.12	1.26	2.60	3.53	1.17	.53	1.14	T	.30	14.01
Forman	1.11	.88	1.60	2.28	1.26	2.30	3.19	2.41	.31	1.82	.64	.16	17.96
Fullerton	.79	2.28	1.65	3.71	1.45	2.43	3.73	1.10	.41	1.60	.17	.20	19.52
Hankinson	.77	.76	1.48	3.16	1.77	2.96	3.33	2.43	.08	2.22	1.04	.25	20.25
Lisbon	M	1.78	1.02	2.94	2.17	2.14	2.95	1.32	.50	1.66	.69	.23	18.02
McLeod	.59	1.57	1.47	1.94	1.76	2.70	2.50	1.75	.23	2.32	1.42	.20	18.45
Napoleon	.50	1.25	.64	M	2.03	5.47	M	1.22	.35	.18	.41	.35	17.89
Wahpeton	.87	.54	1.27	2.18	2.20	3.09	5.60	2.57	.26	2.38	.49	.20	21.65
Wishek	.57	.85	.47	1.41	1.87	4.37	M	.64	.34	.50	.34	.45	14.85
SOUTHEAST DISTRICT (9)	.62	1.06	1.08	2.45	1.77	3.21	3.04	1.57	.42	1.33	.52	.27	17.34
STATE	.35	1.05	.97	2.08	1.61	2.32	2.94	1.51	.81	.58	.27	.23	14.72

Underlined figures are partially estimated. 1/ Preliminary Data. M - Missing T - Trace Source: Environmental Data Service.

LENGTH OF GROWING SEASON, SELECTED STATIONS, NORTH DAKOTA, AT TEMPERATURES OF 28° F AND 32° F OR ABOVE

Station	County	Average Date of Last Spring Frost		Average Date of First Frost in Fall		Average Number of Days in Growing Season		Number of Years in Average
		28°	32°	32°	28°	32°	28°	
		(Date)	(Date)	(Date)	(Date)	(Days)	(Days)	(Years)
Northwest District								
Crosby	Divide	May 10	May 18	Sept. 16	Sept. 23	120	137	63
Minot Exp.	Ward	May 12	May 20	Sept. 17	Sept. 26	119	137	69
Mohall	Renville	May 11	May 18	Sept. 16	Sept. 23	122	135	44
Parshall	Mountrail	May 15	May 21	Sept. 12	Sept. 18	114	126	59
Powers Lake	Burke	May 15	May 23	Sept. 11	Sept. 23	111	133	41
Williston	Williams	May 4	May 13	Sept. 22	Sept. 28	132	146	78
North Central District								
Bottineau	Bottineau	May 15	May 21	Sept. 15	Sept. 23	116	130	70
Granville	McHenry	May 13	May 19	Sept. 15	Sept. 25	119	134	65
Maddock	Benson	May 15	May 23	Sept. 13	Sept. 21	113	129	53
Towner	McHenry	May 14	May 21	Sept. 12	Sept. 21	114	129	54
Northeast District								
Grafton	Walsh	May 9	May 18	Sept. 19	Sept. 25	123	139	70
Grand Forks	Grand Forks	May 6	May 16	Sept. 23	Sept. 29	130	146	66
Hansboro	Towner	May 17	May 27	Sept. 11	Sept. 18	106	124	65
Langdon Exp.	Cavalier	May 17	May 28	Sept. 13	Sept. 21	109	126	69
Pembina	Pembina	May 12	May 21	Sept. 17	Sept. 25	119	135	70
West Central District								
Dunn Center	Dunn	May 12	May 17	Sept. 18	Sept. 27	122	137	50
Garrison	McLean	May 8	May 18	Sept. 19	Sept. 25	124	139	62
Washburn	McLean	May 6	May 13	Sept. 24	Oct. 1	137	148	26
Watford City	McKenzie	May 7	May 13	Sept. 19	Sept. 27	127	141	34
Central District								
Fessenden	Wells	May 8	May 17	Sept. 18	Sept. 26	123	140	40
Jamestown	Stutsman	May 5	May 15	Sept. 20	Sept. 29	128	146	73
McClusky	Sheridan	May 11	May 20	Sept. 18	Sept. 26	120	137	54
Pettibone	Kidder	May 13	May 22	Sept. 12	Sept. 17	111	124	46
East Central District								
Amenia	Cass	May 6	May 15	Sept. 23	Sept. 28	130	144	73
Cooperstown	Griggs	May 11	May 21	Sept. 19	Sept. 26	121	138	49
Fargo	Cass	May 4	May 12	Sept. 26	Oct. 2	137	151	66
Mayville	Traill	May 8	May 17	Sept. 24	Oct. 2	129	147	57
Southwest District								
Beach	Golden Valley	May 12	May 20	Sept. 18	Sept. 27	121	138	58
Bowman	Bowman	May 6	May 14	Sept. 21	Sept. 30	130	146	52
Dickinson Exp.	Stark	May 12	May 19	Sept. 14	Sept. 22	117	132	72
Hettinger	Adams	May 11	May 18	Sept. 20	Sept. 27	124	137	36
Marmarth	Slope	May 11	May 16	Sept. 15	Sept. 23	122	136	43
South Central District								
Carson #2	Grant	May 11	May 19	Sept. 15	Sept. 24	119	135	59
Mandan Exp.	Morton	May 7	May 12	Sept. 23	Sept. 28	133	144	59
Southeast District								
Edgeley Exp.	LaMoure	May 11	May 18	Sept. 19	Sept. 28	123	139	66
Lisbon	Ransom	May 10	May 19	Sept. 20	Sept. 27	123	139	64
McLeod	Ransom	May 9	May 15	Sept. 22	Sept. 29	129	143	62
Napoleon	Logan	May 14	May 21	Sept. 16	Sept. 23	118	132	72
Oakes	Dickey	May 5	May 13	Sept. 23	Oct. 1	133	149	46
Wahpeton	Richland	May 4	May 13	Sept. 25	Oct. 3	136	151	65

June 1980

PERCENT OF ACREAGE PLANTED AND HARVESTED BY SPECIFIED DATES, NORTH DAKOTA, 1979 AND 10-YEAR AVERAGE

Crop	1979 & 10-Yr. Avg.	Percent Planted by Specified Dates							Percent Harvested by Specified Dates										
		April			May			June	July	August			September				October		
		15	20	30	10	20	30	10	30	10	20	30	10	20	25	30	5	10	15
Wheat																			
Durum	1979	0	0	0	0	8	56	92	0	0	3	16	46	72	86	93	97	NA	
	1970-79	1	3	9	25	46	73	95	1	5	19	41		81	88	92	95	1/97	
Other Spring	1979	0	0	0	2	21	70	96	0	1	10	29	65	85	93	97	NA		
	1970-79	3	7	17	36	57	81	97	2	14	35	59	80	91	94	97	1/98	1/99	
Winter	1979								3	36	79	NA							
	1970-79								15	60	86	1/98							
Oats	1979	0	0	0	1	14	66	95	0	4	24	51	80	94	NA				
	1970-79	2	4	14	32	53	79	95	6	25	50	72	89	96	1/97	1/98			
Barley	1979	0	0	0	1	16	67	95	0	6	32	59	85	95	NA				
	1970-79	2	4	14	32	54	79	95	9	31	56	76	90	96	1/98	1/99			
Flax	1979			NA	NA	2	24	74			NA	5	16	31	45	62	70	78	87
	1970-79			1/ 4	1/11	23	46	77			1/ 6	17	37	59	67	75	82	88	93
Rye	1979								1	32	78	NA							
	1970-79								22	65	90	1/98							
Corn	1979				NA	8	47	89											
	1970-79				1/ 5	22	50	82											
Soybeans	1979				NA	3	45	94						13	15	19	38	54	68
	1970-79				1/ 8	28	58	88						10	17	26	44	62	76
Beans, Dry	1979				NA	3	55	94					8	32	47	60	84	96	99
	1970-79				1/ 6	25	62	86					24	49	62	70	81	88	NA
Potatoes	1979				NA	6	50	92					6	26	41	57	75	88	97
	1970-79				1/15	40	70	90					7	26	41	55	71	84	93
Sunflower	1979				0	2	40	84							1	3	9	16	24
	1970-79				NA	21	52	81							NA	7	15	25	NA
Sugar Beets	1979													NA	NA	5	10	32	65
	1970-79													1/ 3	1/ 5	8	16	34	57
															Planted				
Rye	1979 2/												NA	79	90	93	NA		
	1970-79												1/48	78	86	91	1/94		
Winter Wheat	1979 2/												NA	72	85	91	NA		
	1970-79												1/35	72	84	92	1/97		

1/ Short-time average
2/ Planted Fall 1979 for 1980
NA Not Available

CROPS

NORTH DAKOTA CROP SUMMARY, 1979

The Season in Review

Planting got a late start in 1979 as cold, wet weather with late snowfall persisted throughout April and into May. By May 6, only limited seeding in some Southern areas had begun. Below normal tempatures continued until mid-May, and seeding was not underway in some northern areas until late in the month. Progress was well behind normal at mid-May, but farmers worked rapidly in late May and into June. By June 10, durum and other spring wheat seeding had almost caught up to normal with 96 and 92 percent seeded respectively. Progress for other crops was also catching up accordingly.

Stress from hot, dry weather around mid-June was alleviated in most areas by subsequent showers. However, much of the Northwest remained quite dry and suffered some emergence problems. Moisture levels fluctuated in July. Scattered thunderstorms evaded the Northwest where moisture remained short. Locally heavy rains in the East caused lodging and drowning of some crops. Crop development was about 2 weeks behind normal on August 1. August was cooler than normal and marked by locally heavy hail damage in eastern and central sections. Late developing grains in the Northwest also suffered premature frost damage near mid-August.

Swathing of winter wheat and rye got underway in late July, somewhat later than normal. Harvest of these two crops neared completion by August 20, slightly behind normal. Swathing of spring grains was running 10 to 14 days behind normal at the end of August. Cool, damp weather delayed harvest intermittently until mid-September when warmer weather permitted rapid progress. Oat and barley harvest were virtually completed by September 23 about the same as normal. Hard red spring wheat harvest was completed near the normal time in early October and durum wheat about a week later. Flax and soybeans combining were completed in late October, both slightly behind normal progress. Freezing rain and snow at the end of October and early November kept moisture levels high in corn and sunflower. Harvest of these crops was not completed until early December, both well behind normal.

General Acreage and Production Summary

Acreage: The total planted acreage of all estimated crops in North Dakota (excluding all hay and alfalfa seed) was 18.2 million acres in 1979. Excluding mustard acreage, which was estimated for the first time in 1979, the total planted acres was up 4 percent from 1978. Total acreage harvested was up by 2 percent as abandonment was higher than in 1978 for most crops.

Both planted and harvested acreage increased for durum wheat, other spring wheat, oil type sunflower, flaxseed, and soybeans. Planted acres of winter wheat increased but more abandonment led to fewer harvested acres. All other crops had declines in both planted and harvested acreage although the acreage of corn harvested for grain increased over 1978. The acreage harvested for hay also showed a net increase.

Production and Yield: Production increased from 1978 only for dry beans, flaxseed, millet, corn for grain, soybeans, and oil type sunflower. New production records were established for sunflower, dry beans, soybeans, and corn for grain. The average yield per acre was lower than in 1978 for all crops except dry beans, flax, millet, and non-oil sunflower which all showed increases and oil sunflower and barley for which average yields were unchanged from record 1978 levels.

NORTH DAKOTA - INDEX OF CROP PRODUCTION
1967-79 (1967 = 100)

Year	Grains			Oil	Hay	Misc.	All
	Food	Feed	All	Crops		1/	Crops
1967	100	100	100	100	100	100	100
1968	118	136	124	127	116	98	120
1969	115	145	124	161	128	104	125
1970	87	110	94	144	124	116	102
1971	162	136	154	97	148	119	145
1972	120	137	125	107	137	123	124
1973	132	119	129	126	154	101	127
1974	116	69	102	88	180	114	108
1975	145	92	129	120	181	127	132
1976	158	88	137	90	187	96	132
1977	126	116	123	247	234	78	134
1978	158	132	150	337	256	156	171
1979	139	92	125	589	213	139	166

1/ Non-oil sunflower, potatoes, sugar beets, dry edible beans, alfalfa seed.

NORTH DAKOTA'S PRINCIPAL CROPS: ACREAGE, YIELD, PRODUCTION

DOMESTIC UNITS

Crop	Acreage Planted		Acreage Harvested		Yield per Acre		UNIT	Production	
	1978	1979	1978	1979	1978	1979		1978	1979
	(000)	(000)	(000)	(000)				(000)	(000)
Corn, All	600	590	593	580	---	---	---	---	---
Grain	---	---	253	290	79.0	76.0	Bu.	19,987	22,040
Silage	---	---	321	275	6.7	6.7	Ton	2,151	1,843
Forage	---	---	19	15	---	---	---	---	---
Wheat, All	9,760	9,900	9,585	9,600	29.8	26.3	Bu.	286,065	252,235
Durum	3,300	3,330	3,240	3,250	31.5	26.0	Bu.	102,060	84,500
Spring 1/	6,300	6,400	6,210	6,230	29.0	26.5	Bu.	180,090	165,095
Winter	160	170	135	120	29.0	22.0	Bu.	3,915	2,640
Oats	1,350	1,050	1,220	840	54.0	44.0	Bu.	65,880	36,960
Barley	2,500	1,700	2,450	1,650	46.0	46.0	Bu.	112,700	75,900
Rye	220	210	205	185	31.0	28.0	Bu.	6,355	5,180
Flaxseed	425	530	410	510	11.5	12.5	Bu.	4,715	6,375
Soybeans	175	210	173	206	27.5	27.0	Bu.	4,758	5,562
Beans, Dry Edible	118	110	113	105	11.0	13.5	Cwt.	1,243	1,418
Sunflower, All	1,920	3,460	1,910	3,378	1351	1360	Lbs.	2,579,700	4,594,080
Oil	1,740	3,300	1,731	3,220	1360	1360	Lbs.	2,354,160	4,379,200
Non-Oil	180	160	179	158	1260	1360	Lbs.	225,540	214,880
Millet for Grain	85	80	70	65	28.5	32.0	Bu.	1,995	2,080
Mustard 2/		45		43		700	Lbs.		30,100
Sugar Beets	156.2	145.3	155.2	143.1	19.7	16.1	Ton	3,054	2,304
Potatoes	130	121	128	114	175	160	Cwt.	22,400	18,240
Alfalfa Seed	---	---	17	8	45.0	45.0	Lbs.	765	360
Hay, All	---	---	3,510	3,570	1.84	1.62	Ton	6,453	5,780
Alfalfa	---	---	1,980	2,070	2.10	1.85	Ton	4,158	3,830
All Other	---	---	1,530	1,500	1.50	1.30	Ton	2,295	1,950

METRIC UNITS

Crop	Hectares Planted		Hectares Harvested		Yield Per Hectare Metric Tons		Production Metric Tons	
	1978	1979	1978	1979	1978	1979	1978	1979
Corn, All	242,810	238,770	239,980	234,720	---	---	---	---
Grain	---	---	102,390	117,360	4.77	4.77	507,690	559,840
Silage	---	---	129,900	111,290	15.02	15.02	1,951,350	1,671,940
Forage	---	---	7,690	6,070	---	---	---	---
Wheat, All	3,949,780	4,006,440	3,878,950	3,885,020	2.01	1.77	7,785,420	6,864,710
Durum	1,335,480	1,347,620	1,311,200	1,315,240	2.12	1.75	2,777,620	2,299,710
Spring 1/	2,549,550	2,590,020	2,513,120	2,521,220	1.95	1.78	4,901,250	4,493,150
Winter	64,750	68,800	54,630	48,560	1.95	1.48	106,550	71,850
Oats	546,330	424,920	493,720	339,940	1.94	1.58	956,250	536,470
Barley	1,011,730	687,970	991,490	667,740	2.47	2.47	2,453,750	1,652,530
Rye	89,030	84,980	82,960	74,870	1.95	1.76	161,420	131,580
Flaxseed	171,990	214,490	165,920	206,390	0.72	0.78	119,770	161,930
Soybeans	70,820	84,980	70,010	83,370	1.85	1.82	129,490	151,370
Beans, Dry Edible	47,750	44,520	45,730	42,490	1.23	1.51	56,380	64,320
Sunflower, All	777,000	1,400,230	772,960	1,367,040	1.51	1.52	1,170,120	2,083,830
Oil	704,160	1,335,480	700,520	1,303,100	1.52	1.52	1,067,820	1,986,360
Non-Oil	72,840	64,750	72,440	63,940	1.41	1.52	102,300	97,470
Millet for Grain	34,400	32,380	28,330	26,300	1.57	1.76	44,340	46,230
Mustard 2/	---	18,210	---	17,400	---	0.78	---	13,650
Sugarbeets	63,210	58,800	62,810	57,910	44.11	36.09	2,770,540	2,090,150
Potatoes	52,610	48,970	51,800	46,130	19.61	17.94	1,016,040	827,350
Alfalfa Seed	---	---	6,880	3,240	0.05	0.05	350	160
Hay, All	---	---	1,420,460	1,444,740	4.12	3.63	5,854,060	5,243,530
Alfalfa	---	---	801,290	837,710	4.71	4.15	3,772,070	3,474,520
All Other	---	---	619,170	607,030	3.36	2.91	2,081,990	1,769,010

1/Spring Wheat other than Durum. 2/ Estimated and published for the first time in 1979.

HISTORIC ESTIMATES, PRINCIPAL CROPS, NORTH DAKOTA 1971-79

ALL WHEAT

Year	Acres Planted	Acres Harvested	Yield per Acre Harvested	Production
	(000)	(000)	(Bu.)	(000 Bu.)
1971	9,426	9,179	31.8	291,574
1972	7,627	7,507	28.9	216,818
1973	8,940	8,773	27.5	241,586
1974	10,500	10,316	20.4	210,752
1975	10,627	10,213	25.9	264,392
1976	11,930	11,655	24.7	287,830
1977	9,960	9,254	24.8	229,907
1978	9,760	9,585	29.8	286,065
1979	9,900	9,600	26.3	252,235

OTHER SPRING WHEAT

1971	6,762	6,594	31.5	207,711
1972	5,221	5,143	29.0	149,147
1973	6,270	6,170	27.5	169,675
1974	6,770	6,660	20.5	136,530
1975	6,400	6,130	25.5	156,315
1976	8,080	7,900	24.5	193,550
1977	7,200	6,680	25.0	167,000
1978	6,300	6,210	29.0	180,090
1979	6,400	6,230	26.5	165,095

DURUM WHEAT

1971	2,592	2,525	32.5	82,063
1972	2,333	2,298	28.5	65,493
1973	2,590	2,530	27.5	69,575
1974	3,600	3,540	20.0	70,800
1975	4,080	3,960	26.5	104,940
1976	3,710	3,620	25.0	90,500
1977	2,600	2,470	24.5	60,515
1978	3,300	3,240	31.5	102,060
1979	3,330	3,250	26.0	84,500

WINTER WHEAT

1971	72	60	30.0	1,800
1972	73	66	33.0	2,178
1973	80	73	32.0	2,336
1974	130	116	29.5	3,422
1975	147	123	25.5	3,137
1976	140	135	28.0	3,780
1977	160	104	23.0	2,392
1978	160	135	29.0	3,915
1979	170	120	22.0	2,640

OATS

1971	2,209	2,066	55.0	113,630
1972	2,230	2,070	51.0	105,570
1973	2,120	1,800	41.0	73,800
1974	1,670	1,400	31.5	44,100
1975	1,500	1,370	41.0	56,170
1976	1,320	1,180	38.0	44,840
1977	1,900	1,500	40.0	60,000
1978	1,350	1,220	54.0	65,880
1979	1,050	840	44.0	36,960

BARLEY

1971	2,284	2,218	45.0	99,810
1972	2,695	2,617	40.0	104,680
1973	2,860	2,770	37.0	102,490
1974	2,110	2,010	28.0	56,280
1975	2,220	2,100	38.0	79,800
1976	2,200	2,140	38.0	81,320
1977	2,690	2,530	39.0	98,670
1978	2,500	2,450	46.0	112,700
1979	1,700	1,650	46.0	75,900

RYE

Year	Acres Planted	Acres Harvested	Yield per Acre Harvested	Production
	(000)	(000)	(Bu.)	(000 Bu.)
1971	318	300	32.5	9,750
1972	158	142	32.5	4,615
1973	116	103	29.5	3,039
1974	116	106	25.0	2,650
1975	135	119	25.0	2,975
1976	120	111	25.5	2,831
1977	110	80	26.0	2,080
1978	220	205	31.0	6,355
1979	210	185	28.0	5,180

FLAXSEED

1971	895	861	10.5	9,041
1972	625	610	12.0	7,320
1973	977	947	8.0	7,576
1974	886	836	8.0	6,688
1975	815	770	10.0	7,700
1976	526	500	8.0	4,000
1977	800	750	10.0	7,500
1978	425	410	11.5	4,715
1979	530	510	12.5	6,375

SUGAR BEETS

	(000)	(000)	(Tons)	(000 Tons)
1971	76.6	73.7	16.3	1,204
1972	75.6	73.9	13.6	1,008
1973	80.1	79.3	16.2	1,284
1974	143.2	139.9	11.2	1,562
1975	139.6	130.9	13.9	1,820
1976	153.2	149.8	13.5	2,022
1977	157.8	155.2	17.8	2,769
1978	156.2	155.2	19.7	3,054
1979	145.3	143.1	16.1	2,304

POTATOES

	(000)	(000)	(Cwt.)	(000 Cwt.)
1971	140	129	155	19,995
1972	122	120	145	17,400
1973	133	132	145	19,140
1974	139	135	170	22,950
1975	116	110	160	17,600
1976	124	121	140	16,940
1977	137	135	160	21,600
1978	130	128	175	22,400
1979	121	114	160	18,240

SOYBEANS

	(000)	(000)	(Bu.)	(000 Bu.)
1971	211	208	14.0	2,912
1972	200	190	20.5	3,895
1973	220	218	23.5	5,123
1974	168	165	16.5	2,723
1975	180	149	19.5	2,906
1976	150	147	12.5	1,838
1977	180	175	20.0	3,500
1978	175	173	27.5	4,758
1979	210	206	27.0	5,562

DRY EDIBLE BEANS

	(000)	(000)	(Cwt.)	(000 Cwt.)
1971	35	33	13.0	429
1972	84	78	12.0	936
1973	102	100	10.5	1,050
1974	134	102	6.5	663
1975	127	122	9.7	1,183
1976	144	139	8.0	1,112
1977	115	105	10.5	1,103
1978	118	113	11.0	1,243
1979	110	105	13.5	1,418

June 1980

HISTORIC ESTIMATES (Cont.)

ALL CORN

Year	Acres Planted	Acres Harvested	Percent Abandoned	Acres Harvested as Forage or Grazed
	(000)	(000)	(Percent)	(000)
1971	569	562	1.2	55
1972	495	490	1.0	38
1973	544	539	.9	54
1974	533	520	2.4	30
1975	500	467	6.6	33
1976	510	501	1.8	17
1977	620	600	3.2	31
1978	600	593	1.2	19
1979	590	580	1.7	15

CORN FOR GRAIN

Year	Acres Harvested	Yield per Acre	Production
	(000)	(Bu.)	(000 Bu.)
1971	185	58.0	10,730
1972	170	67.0	11,390
1973	180	56.0	10,080
1974	170	48.0	8,160
1975	140	51.0	7,140
1976	191	40.0	7,640
1977	237	73.0	17,301
1978	253	79.0	19,987
1979	290	76.0	22,040

CORN FOR SILAGE

	(000)	(Tons)	(000 Tons)
1971	322	6.0	1,932
1972	282	7.0	1,974
1973	305	5.1	1,556
1974	320	5.6	1,792
1975	294	5.4	1,588
1976	293	5.0	1,465
1977	332	5.1	1,693
1978	321	6.7	2,151
1979	275	6.7	1,843

SUNFLOWER - OIL

Year	Acres Planted	Acres Harvested	Yield per Acre Harv.	Production
	(000)	(000)	(Pounds)	(000 Lbs.)
1971	95.0	93.0	1100	102,300
1972	274.0	267.0	930	248,310
1973	305.0	300.0	1100	330,000
1974	193.0	188.0	1000	188,000
1975	376.0	349.0	1100	383,900
1976	433.0	420.0	1000	420,000
1977	1190.0	1155.0	1270	1,466,850
1978	1740.0	1731.0	1360	2,354,160
1979	3300.0	3220.0	1360	4,379,200

SUNFLOWER - NON-OIL

1971	148.0	144.0	980	141,120
1972	144.0	140.0	860	120,400
1973	113.0	111.0	910	101,010
1974	186.0	179.0	920	164,680
1975	166.0	149.0	1100	163,900
1976	187.0	180.0	1000	180,000
1977	170.0	165.0	1160	191,400
1978	180.0	179.0	1260	225,540
1979	160.0	158.0	1360	214,880

SUNFLOWER - TOTAL

1971	243.0	237.0	1030	243,420
1972	418.0	407.0	910	368,710
1973	418.0	411.0	1050	431,010
1974	379.0	367.0	960	352,680
1975	542.0	498.0	1100	547,800
1976	620.0	600.0	1000	600,000
1977	1360.0	1320.0	1255	1,658,250
1978	1920.0	1910.0	1351	2,579,700
1979	3460.0	3378.0	1360	4,594,080

1/ Yield and Production clean seed basis.

ALL HAY

Year	Acres Harvested	Yield per Acre	Production
	(000)	(Tons)	(000 Tons)
1971	3,388	1.45	4,917
1972	3,384	1.51	5,101
1973	3,660	1.15	4,197
1974	3,700	1.27	4,707
1975	3,540	1.49	5,268
1976	3,440	1.16	3,976
1977	3,140	1.03	3,229
1978	3,510	1.84	6,453
1979	3,570	1.62	5,780

ALFALFA HAY

1971	1,570	1.80	2,826
1972	1,600	1.85	2,960
1973	1,800	1.35	2,430
1974	1,830	1.55	2,837
1975	1,920	1.90	3,648
1976	1,840	1.30	2,392
1977	1,600	1.20	1,920
1978	1,980	2.10	4,158
1979	2,070	1.85	3,830

OTHER HAY

1971	1,818	1.15	2,091
1972	1,784	1.20	2,141
1973	1,860	.95	1,767
1974	1,870	1.00	1,870
1975	1,620	1.00	1,620
1976	1,600	.99	1,584
1977	1,540	.85	1,309
1978	1,530	1.50	2,295
1979	1,500	1.30	1,950

ALFALFA SEED 1/

	(Acres)	(Lbs.)	(000 Lbs.)
1971	10,000	50	500
1972	5,000	45	225
1973	5,000	50	250
1974	13,500	40	540
1975	8,000	40	320
1976	18,000	50	900
1977	8,000	40	320
1978	17,000	45	765
1979	8,000	45	360

MILLET

	(Acres)	(Bu.)	(000 Bu.)
1971	90,000	28.5	2,565
1972	91,000	27.5	2,503
1973	98,000	28.0	2,744
1974	120,000	29.0	3,480
1975	96,000	29.5	2,832
1976	91,000	15.0	1,365
1977	166,000	30.0	4,980
1978	70,000	28.5	1,995
1979	65,000	32.0	2,080

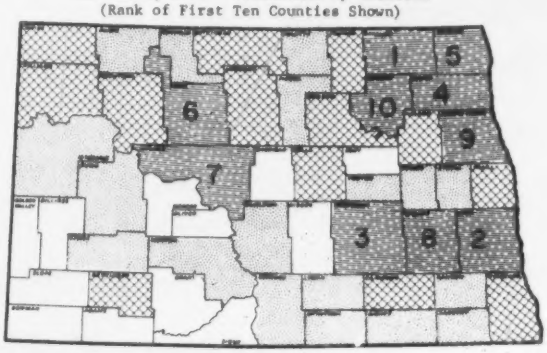
MUSTARD

Year	Acres Planted	Acres Harvested	Yield per Acre Harv.	Production
	(Acres)	(Acres)	(Pounds)	(000 Lbs.)
1979	45,000	43,000	700	30,100

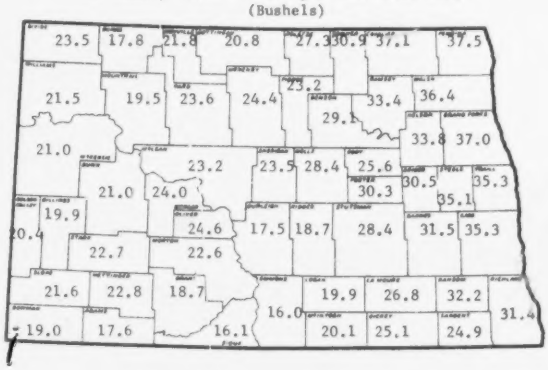
ALL WHEAT: Acreage, Yield and Production by Counties, 1979 (Preliminary)

District and County	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	185,200	182,700	17.6	17.8	3,254,000
Divide	243,300	238,800	23.1	23.5	5,614,000
Mountrail	268,400	263,400	19.2	19.5	5,145,500
Renville	181,400	179,800	21.6	21.8	3,923,900
Ward	375,200	370,500	23.4	23.6	8,761,000
Williams	343,500	341,300	21.4	21.5	7,349,100
Northwest	1,597,000	1,576,500	21.3	21.6	34,047,500
Benson	234,800	218,500	27.1	29.1	6,358,000
Bottineau	288,800	276,500	19.9	20.8	5,751,800
McHenry	223,400	208,000	22.7	24.4	5,081,000
Pierce	177,400	146,400	19.2	23.2	3,401,300
Rolette	129,100	128,100	27.1	27.3	3,493,700
North Central	1,053,500	977,500	22.9	24.6	24,085,800
Cavalier	327,000	322,000	36.5	37.1	11,932,000
Grand Forks	231,000	225,300	36.1	37.0	8,343,800
Nelson	191,100	189,100	33.4	33.8	6,389,000
Pembina	245,900	242,800	37.0	37.5	9,102,000
Ramsey	248,600	246,000	33.0	33.4	8,213,000
Towner	222,500	217,000	30.1	30.9	6,701,000
Walsh	259,900	257,800	36.1	36.4	9,381,200
Northeast	1,726,000	1,700,000	34.8	35.3	60,062,000
Dunn	139,400	134,800	20.3	21.0	2,827,500
McKenzie	187,500	182,500	20.5	21.0	3,837,500
McLean	382,500	375,500	22.8	23.2	8,708,000
Mercer	101,200	98,900	23.4	24.0	2,373,000
Oliver	58,400	57,300	24.1	24.6	1,409,000
West Central	869,000	849,000	22.0	22.6	19,155,000
Eddy	79,000	66,500	21.5	25.6	1,702,000
Foster	110,000	99,500	27.4	30.3	3,010,000
Kidder	113,000	109,500	18.1	18.7	2,047,000
Sheridan	145,000	143,500	23.3	23.5	3,378,000
Stutsman	339,000	336,000	28.1	28.4	9,537,000
Wells	263,000	233,500	25.2	28.4	6,630,000
Central	1,049,000	988,500	25.1	26.6	26,304,000
Barnes	276,500	274,500	31.3	31.5	8,657,500
Cass	312,500	310,200	35.0	35.3	10,946,500
Griggs	107,000	105,800	30.1	30.5	3,225,000
Steele	123,100	121,800	34.7	35.1	4,274,000
Traill	160,900	159,700	35.0	35.3	5,633,000
East Central	980,000	972,000	33.4	33.7	32,736,000
Adams	134,000	127,500	16.8	17.6	2,248,300
Billings	45,300	42,500	18.7	19.9	847,700
Bowman	131,000	119,500	17.3	19.0	2,271,700
Golden Valley	94,000	91,000	19.7	20.4	1,854,800
Hettinger	236,000	222,000	21.5	22.8	5,064,900
Slope	101,700	96,000	20.4	21.6	2,075,400
Stark	188,000	179,500	21.7	22.7	4,073,400
Southwest	930,000	878,000	19.8	21.0	18,436,200
Burleigh	184,900	179,800	17.0	17.5	3,141,600
Emmons	221,500	214,500	15.5	16.0	3,436,000
Grant	126,000	117,700	17.5	18.7	2,205,400
Morton	143,100	137,100	21.7	22.6	3,104,000
Sioux	43,000	41,900	15.6	16.1	672,500
South Central	718,500	691,000	17.5	18.2	12,559,500
Dickey	135,000	134,000	24.9	25.1	3,368,000
LaMoure	197,100	195,600	26.6	26.8	5,244,500
Logan	142,100	141,000	19.7	19.9	2,801,000
McIntosh	137,700	136,500	19.9	20.1	2,744,500
Ransom	89,500	87,400	31.4	32.2	2,811,500
Richland	168,500	166,500	31.0	31.4	5,231,500
Sargent	107,100	106,500	24.7	24.9	2,648,000
Southeast	977,000	967,500	25.4	25.7	24,849,000
STATE	9,900,000	9,600,000	25.5	26.3	252,235,000

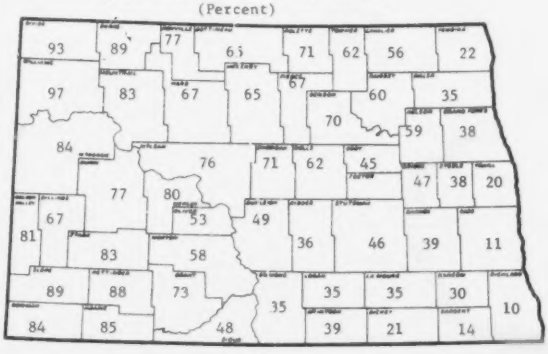
ALL WHEAT, 1979 - Production by Counties
(Rank of First Ten Counties Shown)



ALL WHEAT, 1979 - Yield per Harvested Acre
(Bushels)



ALL WHEAT - 1979
Percent Planted on Summer Fallow
(Percent)



June 1980

ALL WHEAT: Acreage, Yield and Production by Counties, 1978 (Revised) and 5-Year Average, 1974-78

District and County	1978					5-Year Average, 1974-78 1/				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	178,100	175,500	31.3	31.7	5,569,700	183,000	178,800	25.7	26.4	4,708,500
Divide	218,000	214,100	31.5	32.0	6,859,300	247,000	238,200	25.4	26.3	6,249,600
Mountrail	265,400	261,500	31.7	32.1	8,400,900	269,700	262,500	24.3	25.0	6,544,000
Renville	177,400	174,800	32.5	33.0	5,767,800	189,000	186,400	26.4	26.8	4,970,000
Ward	387,400	382,100	34.1	34.6	13,221,700	402,400	394,400	26.2	26.8	10,547,700
Williams	323,400	316,300	30.1	30.8	9,736,900	344,900	340,000	24.6	24.9	8,457,700
Northwest	1,549,700	1,524,300	32.0	32.5	49,556,300	1,636,200	1,600,200	25.4	26.0	41,477,400
Benson	236,900	233,300	28.8	29.2	6,814,300	253,500	247,800	24.6	25.1	6,276,000
Bottineau	297,800	293,200	30.7	31.2	9,138,800	329,700	322,100	24.2	24.8	7,891,100
McHenry	228,300	224,100	26.9	27.4	6,137,000	228,400	220,900	20.6	21.3	4,721,400
Pierce	173,000	163,900	25.0	26.4	4,321,300	173,500	166,500	21.1	21.9	3,669,100
Rolette	121,900	120,700	32.2	32.5	3,923,400	129,900	128,100	25.6	26.0	3,308,800
North Central	1,057,900	1,035,200	28.7	29.3	30,334,800	1,115,000	1,085,400	23.2	23.8	25,866,500
Cavalier	292,100	287,600	32.8	33.4	9,593,800	314,600	306,500	28.5	29.2	8,936,200
Grand Forks	228,100	226,300	35.7	36.0	8,141,600	280,700	277,000	31.7	32.1	8,826,800
Nelson	187,900	185,200	29.0	29.4	5,448,500	206,300	202,000	23.7	24.2	4,861,500
Pembina	228,300	225,900	34.7	35.0	7,913,100	284,000	279,600	31.8	32.2	9,020,200
Ramsey	251,700	243,400	31.0	32.1	7,805,900	266,900	259,300	26.8	27.6	7,192,000
Towner	212,400	204,300	30.3	31.5	6,434,300	235,500	230,900	27.0	27.6	6,356,700
Walsh	259,200	256,600	33.3	33.6	8,619,100	297,000	290,000	29.9	30.6	8,849,500
Northeast	1,659,700	1,629,300	32.5	33.1	53,956,300	1,885,000	1,845,300	28.7	29.3	54,042,900
Dunn	134,800	132,100	28.0	28.5	3,770,300	125,400	120,000	22.0	22.9	2,775,000
McKenzie	177,200	171,100	29.6	30.7	5,248,900	168,300	162,200	24.0	24.8	4,050,600
McLean	383,100	379,100	31.5	31.8	12,049,700	392,200	376,900	24.1	25.0	9,436,800
Mercer	92,700	91,900	27.1	27.3	2,510,500	94,800	92,400	21.7	22.2	2,050,200
Oliver	48,500	48,100	25.7	25.9	1,246,500	52,100	49,100	21.4	22.4	1,128,100
West Central	836,300	822,300	29.7	30.2	24,825,900	832,900	800,600	23.3	24.2	19,440,800
Eddy	78,600	75,500	24.6	25.6	1,934,300	86,600	85,400	20.0	20.4	1,723,700
Foster	101,100	100,000	26.1	26.4	2,642,500	124,700	123,100	23.6	24.0	2,943,600
Kidder	107,900	104,200	19.5	20.1	2,099,600	117,800	108,300	15.0	16.0	1,767,200
Sheridan	143,500	142,100	27.5	27.8	3,950,900	151,600	143,200	20.4	21.3	3,092,400
Stutsman	355,100	346,400	29.2	29.9	10,363,300	409,000	394,800	23.4	24.4	9,497,300
Wells	305,200	302,100	31.2	31.5	9,530,200	286,000	277,300	24.1	24.9	6,958,400
Central	1,091,400	1,070,300	28.0	28.5	30,520,800	1,175,700	1,132,200	22.1	23.0	25,982,600
Barnes	260,200	254,900	30.8	31.5	8,025,100	299,900	291,300	25.8	26.7	7,672,100
Cass	309,200	305,300	35.2	35.7	10,890,000	422,000	393,000	28.1	29.7	11,602,200
Griggs	110,200	109,100	30.8	31.2	3,398,500	122,300	121,300	25.9	26.2	3,144,400
Steele	134,300	133,200	31.1	31.4	4,176,500	160,600	159,200	28.8	29.1	4,593,900
Traill	159,900	158,600	37.8	38.1	6,047,800	191,700	186,900	32.0	32.9	6,093,800
East Central	973,800	961,100	33.4	33.9	32,537,900	1,196,600	1,151,700	27.9	29.1	33,106,400
Adams	128,800	125,600	23.9	24.5	3,082,200	132,400	125,900	20.1	21.1	2,654,100
Billings	38,700	38,100	26.7	27.1	1,032,100	34,000	32,400	21.6	22.6	737,500
Bowman	127,000	123,400	24.0	24.7	3,043,200	127,900	122,600	21.6	22.5	2,766,000
Golden Valley	78,500	74,500	29.4	31.0	2,308,500	79,500	75,800	28.0	29.4	2,222,400
Hettinger	227,500	222,700	26.1	26.7	5,946,600	234,300	226,700	23.6	24.4	5,540,300
Slope	97,000	95,900	26.8	27.1	2,600,800	105,800	103,000	24.2	24.8	2,554,800
Stark	168,100	165,400	26.4	26.8	4,440,500	178,300	169,900	22.7	23.7	4,051,800
Southwest	865,600	845,600	25.9	26.6	22,453,900	892,300	856,200	23.0	23.9	20,526,900
Burleigh	174,300	172,300	24.4	24.7	4,247,800	177,400	160,300	16.6	17.9	2,940,000
Emmons	204,200	200,100	21.3	21.8	4,355,700	208,900	196,800	14.6	15.3	3,020,700
Grant	134,400	130,900	20.6	21.2	2,771,500	137,200	131,100	18.8	19.7	2,592,700
Morton	150,400	144,400	25.0	26.1	3,764,100	146,400	134,600	19.3	20.9	2,826,700
Sioux	46,500	46,100	21.0	21.2	978,600	46,300	44,300	15.7	16.4	728,100
South Central	709,800	693,800	22.7	23.2	16,117,700	716,200	667,100	16.9	18.0	12,108,200
Dickey	138,500	136,600	23.3	23.6	3,230,400	152,200	148,000	21.0	21.5	3,090,800
LaMoure	222,000	218,200	27.8	28.3	6,175,800	227,700	215,200	22.3	23.6	5,041,600
Logan	133,300	132,200	22.2	22.4	2,955,600	132,100	128,900	17.2	17.5	2,253,000
McIntosh	138,300	137,000	22.1	22.3	3,052,700	145,400	143,000	16.2	16.4	2,324,700
Ransom	91,700	90,900	28.4	28.7	2,605,000	107,300	103,200	23.1	24.2	2,438,700
Richland	183,300	181,100	28.6	28.9	5,238,800	226,100	215,900	24.6	25.6	5,447,800
Sargent	108,700	107,100	23.0	23.4	2,503,100	114,600	111,700	23.4	24.1	2,641,000
Southeast	1,015,800	1,003,100	25.4	25.7	25,761,400	1,105,500	1,066,000	21.3	22.1	23,237,500
STATE	9,760,000	9,585,000	29.3	29.8	286,065,000	10,555,400	10,204,600	24.3	25.1	255,789,200

1/ Totals may not add due to rounding.

ALL WHEAT: Acreage, Yield and Production by Counties and Special Cropping Practices 1979 (Preliminary) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	165,200	162,700	17.7	17.9	2,920,000	20,000	20,000	16.7	16.7	334,000
Divide	226,500	222,000	23.1	23.6	5,243,000	16,400	16,400	21.2	21.2	347,000
Mountrail	223,700	221,000	19.3	19.5	4,306,600	44,700	42,400	18.8	19.8	838,900
Renville	140,000	139,000	22.3	22.4	3,118,300	41,400	40,800	19.5	19.8	805,600
Ward	249,700	247,300	24.3	24.6	6,077,000	125,500	123,200	21.4	21.8	2,684,000
Williams	332,400	330,200	21.4	21.5	7,099,700	8,300	8,300	15.3	15.3	126,900
Northwest	1,337,500	1,322,200	21.5	21.8	28,764,600	256,300	251,100	20.0	20.5	5,136,400
Benson	165,500	154,000	28.2	30.3	4,660,200	68,800	64,000	24.4	26.2	1,675,600
Bottineau	187,600	179,800	21.5	22.4	4,024,800	101,200	96,700	17.1	17.9	1,727,000
McHenry	144,400	136,700	23.6	24.9	3,409,000	78,800	71,100	21.1	23.3	1,660,000
Pierce	119,700	100,100	20.0	23.9	2,302,300	57,700	46,300	17.5	21.8	1,009,000
Rolette	92,100	91,600	27.7	27.9	2,553,700	37,000	36,500	25.4	25.8	940,000
North Central	709,300	662,200	24.0	25.7	17,040,000	343,500	314,600	20.4	22.3	7,011,600
Cavalier	182,500	180,500	36.8	37.2	6,711,000	144,500	141,500	36.1	36.9	5,221,000
Grand Forks	88,300	86,200	38.7	39.7	3,420,000	142,700	139,100	34.5	35.4	4,923,800
Nelson	113,500	112,500	34.2	34.5	3,880,000	77,600	76,600	32.3	32.8	2,509,000
Pembina	53,000	51,900	35.8	36.5	1,896,000	192,900	190,900	37.4	37.7	7,206,000
Ramsey	150,100	148,500	34.1	34.4	5,112,000	98,500	97,500	31.5	31.8	3,101,000
Towner	138,000	133,800	29.9	30.9	4,128,000	84,500	83,200	30.4	30.9	2,573,000
Walsh	89,900	88,800	37.4	37.9	3,363,200	170,000	169,000	35.4	35.6	6,018,000
Northeast	815,300	802,200	35.0	35.5	28,510,200	910,700	897,800	34.6	35.1	31,551,800
Dunn	107,100	103,500	21.3	22.1	2,283,500	32,300	31,300	16.8	17.4	544,000
McKenzie	157,000	153,100	20.2	20.8	3,177,200	26,100	25,000	16.4	17.1	427,100
McLean	289,900	286,000	23.1	23.4	6,701,700	91,600	88,500	21.4	22.2	1,961,300
Mercer	80,700	79,600	24.3	24.6	1,957,000	20,400	19,200	20.1	21.4	411,000
Oliver	31,200	30,600	26.3	26.8	821,000	27,200	26,700	21.6	22.0	588,000
West Central	665,900	652,800	22.4	22.9	14,940,400	197,600	190,700	19.9	20.6	3,931,400
Eddy	35,300	31,300	25.1	28.3	885,000	43,500	35,000	18.5	23.0	806,000
Foster	51,900	45,900	29.7	33.6	1,543,000	57,900	53,400	25.2	27.3	1,457,000
Kidder	41,000	40,000	24.4	25.0	1,000,000	72,000	69,500	14.5	15.1	1,047,000
Sheridan	103,500	102,500	23.6	23.8	2,439,000	41,500	41,000	22.6	22.9	939,000
Stutsman	157,500	157,000	29.7	29.8	4,676,000	181,500	179,000	26.8	27.2	4,861,000
Wells	163,500	145,000	26.9	30.4	4,406,000	99,500	88,500	22.4	25.1	2,224,000
Central	552,700	521,700	27.0	28.7	14,949,000	495,900	466,400	22.9	24.3	11,334,000
Barnes	106,700	106,200	33.1	33.2	3,528,000	169,500	168,000	30.2	30.4	5,115,500
Cass	35,300	35,100	36.7	36.9	1,294,800	277,000	274,900	34.8	35.1	9,639,700
Griggs	49,900	49,300	31.5	31.8	1,570,000	57,100	56,500	29.0	29.3	1,655,000
Steele	46,900	46,300	35.1	35.5	1,645,000	76,200	75,500	34.5	34.8	2,629,000
Traill	31,400	30,800	31.3	31.9	984,000	129,500	128,900	35.9	36.1	4,649,000
East Central	270,200	267,700	33.4	33.7	9,021,800	709,300	703,800	33.4	33.7	23,688,200
Adams	113,500	108,000	16.9	17.7	1,914,900	20,500	19,500	16.3	17.1	333,400
Billings	30,500	29,200	20.4	21.3	621,100	14,800	13,300	15.3	17.0	226,600
Bowman	109,500	101,500	18.2	19.7	1,995,700	21,500	18,000	12.8	15.3	276,000
Golden Valley	76,500	74,500	21.0	21.5	1,603,000	17,500	16,500	14.4	15.3	251,800
Hettinger	208,000	197,300	22.4	23.6	4,664,200	28,000	24,700	14.3	16.2	400,700
Slope	90,700	86,000	21.4	22.6	1,941,400	11,000	10,000	12.2	13.4	134,000
Stark	156,800	149,700	22.0	23.0	3,448,500	31,200	29,800	20.0	21.0	624,900
Southwest	785,500	746,200	20.6	21.7	16,188,800	144,500	131,800	15.6	17.1	2,247,400
Burleigh	90,100	87,800	20.8	21.4	1,876,000	94,600	91,800	13.2	13.6	1,252,600
Emmons	78,500	73,800	17.0	18.0	1,331,000	143,000	140,700	14.7	15.0	2,105,000
Grant	92,000	90,000	19.9	20.3	1,829,500	33,900	27,600	11.0	13.5	372,700
Morton	83,500	80,700	25.1	25.9	2,091,700	59,500	56,300	17.0	17.9	1,009,300
Sioux	20,500	19,900	20.2	20.8	414,500	22,500	22,000	11.5	11.7	258,000
South Central	364,600	352,200	20.7	21.4	7,542,700	353,500	338,400	14.1	14.8	4,997,600
Dickey	28,200	27,700	29.0	29.5	817,000	106,500	106,000	23.8	24.0	2,539,000
LaMoure	69,900	69,800	29.1	29.2	2,037,000	127,100	125,700	25.2	25.5	3,203,500
Logan	49,500	49,000	23.8	24.0	1,176,000	92,600	92,000	17.5	17.7	1,625,000
McIntosh	53,500	53,400	23.1	23.1	1,233,500	84,200	83,100	17.9	18.2	1,511,000
Ransom	26,800	25,200	30.1	32.0	806,500	62,700	62,200	32.0	32.2	2,005,000
Richland	16,400	16,000	28.5	29.3	468,000	152,100	150,500	31.3	31.7	4,763,500
Sargent	14,600	14,500	28.6	28.8	418,000	92,500	92,000	24.1	24.2	2,230,000
Southeast	258,900	255,600	26.9	27.2	6,956,000	717,700	711,500	24.9	25.1	17,877,000
STATE	5,759,900	5,582,800	25.0	25.8	143,913,500	4,129,000	4,006,100	26.1	26.9	107,775,400

1/ See page 33 for irrigated acres.

ALL WHEAT: Acreage, Yield and Production by Counties and Special Cropping Practices, 1978 (Revised) 1/

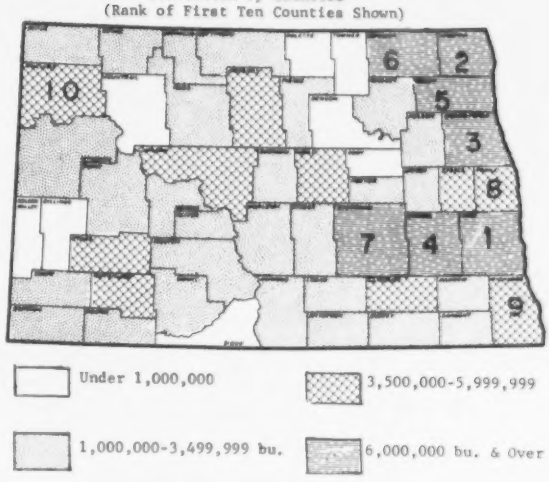
District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	161,700	159,300	31.9	32.4	5,157,000	16,400	16,200	25.2	25.5	412,700
Divide	192,800	189,000	31.6	32.3	6,095,600	24,800	24,700	29.8	29.9	738,200
Mountrail	237,500	233,600	31.8	32.3	7,543,700	27,900	27,900	30.7	30.7	857,200
Renville	150,900	148,600	32.7	33.2	4,936,100	26,500	26,200	31.4	31.7	831,700
Ward	292,400	287,700	35.2	35.7	10,282,400	95,000	94,400	30.9	31.1	2,939,300
Williams	299,900	292,800	29.8	30.5	8,940,000	20,900	20,900	32.4	32.4	677,500
Northwest	1,335,200	1,311,000	32.2	32.8	42,954,800	211,500	210,300	30.5	30.7	6,456,600
Benson	161,000	157,600	30.4	31.1	4,894,400	75,400	75,200	25.1	25.2	1,894,900
Bottineau	212,500	208,100	31.3	31.9	6,640,800	85,300	85,100	29.3	29.4	2,498,000
McHenry	140,100	137,000	27.4	28.0	3,838,800	88,000	86,900	26.0	26.3	2,286,700
Pierce	122,500	118,100	26.4	27.4	3,236,500	50,500	45,800	21.5	23.7	1,084,800
Rolette	84,600	83,400	32.2	32.6	2,720,100	37,300	37,300	32.3	32.3	1,203,300
North Central	720,700	704,200	29.6	30.3	21,330,600	336,500	330,300	26.6	27.2	8,967,700
Cavalier	207,600	204,200	34.1	34.6	7,071,500	84,500	83,400	29.8	30.2	2,522,300
Grand Forks	70,600	70,100	36.2	36.5	2,555,400	157,500	156,200	35.5	35.8	5,586,200
Nelson	113,200	111,700	31.3	31.7	3,543,100	74,700	73,500	25.5	25.9	1,905,400
Pembina	64,800	64,200	34.0	34.3	2,200,900	163,500	161,700	34.9	35.3	5,712,200
Ramsey	178,000	172,100	31.9	33.0	5,670,700	73,700	71,300	29.0	29.9	2,135,200
Towner	147,600	142,000	30.6	31.8	4,514,900	64,800	62,300	29.6	30.8	1,919,400
Walsh	80,100	79,300	32.1	32.4	2,572,400	179,100	177,300	33.8	34.1	6,046,700
Northeast	861,900	843,600	32.6	33.3	28,128,900	797,800	785,700	32.4	32.9	25,827,400
Dunn	91,700	90,000	29.2	29.7	2,674,500	43,100	42,100	25.4	26.0	1,095,800
McKenzie	156,100	150,700	29.3	30.3	4,570,800	17,100	16,400	27.0	28.2	462,100
McLean	287,900	284,800	33.2	33.5	9,547,600	94,200	93,300	26.1	26.3	2,457,100
Mercer	74,900	74,300	28.4	28.6	2,123,700	17,600	17,400	21.4	21.7	376,800
Oliver	24,900	24,600	28.2	28.6	702,600	23,600	23,500	23.0	23.1	543,900
West Central	635,500	624,400	30.9	31.4	19,619,200	195,600	192,700	25.2	25.6	4,935,700
Eddy	35,400	33,500	25.9	27.4	918,100	42,900	41,700	23.4	24.0	1,001,800
Foster	43,000	42,800	29.6	29.8	1,274,500	57,900	57,000	23.5	23.8	1,358,500
Kidder	40,900	40,100	24.0	24.5	981,300	67,000	64,100	16.7	17.4	1,118,300
Sheridan	107,000	105,800	28.5	28.8	3,049,400	36,500	36,300	24.7	24.8	901,500
Stutsman	187,100	183,900	32.6	33.2	6,107,800	168,000	162,500	25.3	26.2	4,255,500
Wells	192,800	190,800	33.1	33.4	6,381,700	112,400	111,300	28.0	28.3	3,148,500
Central	606,200	596,900	30.9	31.3	18,712,800	484,700	472,900	24.3	24.9	11,784,100
Barnes	93,200	92,200	33.1	33.5	3,089,100	166,300	162,000	29.5	30.3	4,904,000
Cass	31,300	30,700	36.1	36.8	1,130,200	277,600	274,300	35.1	35.5	9,741,800
Griggs	55,600	55,100	36.9	37.2	2,049,300	54,600	54,000	24.7	25.0	1,349,200
Steele	62,100	61,600	33.7	34.0	2,094,900	72,200	71,600	28.8	29.1	2,081,600
Traill	21,600	21,400	40.4	40.7	871,800	138,300	137,200	37.4	37.7	5,176,000
East Central	263,800	261,000	35.0	35.4	9,235,300	709,000	699,100	32.8	33.3	23,252,600
Adams	104,800	101,700	24.7	25.4	2,586,200	24,000	23,900	20.7	20.8	496,000
Billings	31,400	30,900	28.7	29.1	900,700	7,300	7,200	18.0	18.3	131,400
Bowman	111,900	108,700	24.8	25.5	2,772,100	15,100	14,700	18.0	18.4	271,100
Golden Valley	72,700	68,900	29.6	31.2	2,150,500	5,800	5,600	27.2	28.2	158,000
Hettinger	203,600	199,200	26.3	26.9	5,353,800	23,900	23,500	24.8	25.2	592,800
Slope	87,400	86,300	27.4	27.8	2,398,600	9,600	9,600	21.1	21.1	202,200
Stark	128,300	126,200	27.6	28.1	3,540,300	39,800	39,200	22.6	23.0	900,200
Southwest	740,100	721,900	26.6	27.3	19,702,200	125,500	123,700	21.9	22.2	2,751,700
Burleigh	80,300	80,100	28.0	28.1	2,248,300	93,700	91,900	21.1	21.5	1,980,000
Emmons	43,000	41,500	26.8	27.8	1,153,700	161,200	158,600	19.9	20.2	3,202,000
Grant	110,200	107,000	21.5	22.2	2,372,900	24,000	23,700	16.4	16.6	394,000
Morton	101,900	97,500	26.6	27.8	2,712,900	48,500	46,900	21.7	22.4	1,051,200
Sioux	28,900	28,500	22.8	23.1	658,500	17,600	17,600	18.2	18.2	320,100
South Central	364,300	354,600	25.1	25.8	9,146,300	345,000	338,700	20.1	20.5	6,947,300
Dickey	14,900	14,900	30.0	30.0	447,100	123,300	121,400	22.5	22.8	2,771,300
LaMoure	75,400	75,000	30.6	30.8	2,306,600	146,400	143,000	26.4	27.0	3,860,700
Logan	46,400	46,400	27.8	27.8	1,288,500	86,900	85,800	19.2	19.4	1,667,100
McIntosh	43,500	43,500	24.9	24.9	1,081,600	94,800	93,500	20.8	21.1	1,971,100
Ransom	8,800	8,800	30.8	30.8	270,700	82,900	82,100	28.2	28.4	2,334,300
Richland	16,800	16,700	32.5	32.7	545,500	166,500	164,400	28.2	28.5	4,693,300
Sargent	7,200	7,100	23.4	23.8	168,800	101,500	100,000	23.0	23.3	2,334,300
Southeast	213,000	212,400	28.7	28.8	6,108,800	802,300	790,200	24.5	24.8	19,632,100
STATE	5,740,700	5,630,000	30.5	31.1	174,938,900	4,007,900	3,943,600	27.6	28.0	110,555,200

1/ See page 33 for irrigated acres.

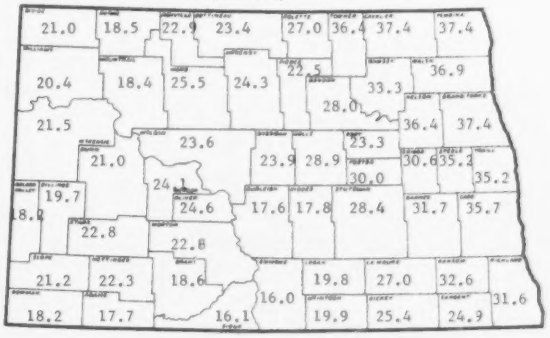
SPRING WHEAT OTHER THAN DURUM:
Acreage, Yield and Production by Counties,
1979 (Preliminary)

District and County	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	107,000	105,000	18.2	18.5	1,943,000
Divide	57,000	56,500	20.8	21.0	1,187,000
Mountrail	46,000	45,500	18.2	18.4	835,000
Renville	83,000	82,000	22.7	22.9	1,881,000
Ward	116,000	115,000	25.3	25.5	2,931,000
Williams	223,000	222,000	20.3	20.4	4,527,000
Northwest	632,000	626,000	21.1	21.3	13,304,000
Benson	46,000	35,000	21.3	28.0	980,000
Bottineau	71,000	70,000	23.0	23.4	1,635,000
McHenry	167,000	154,000	22.4	24.3	3,746,000
Pierce	87,000	62,000	16.0	22.5	1,395,000
Rolette	15,000	15,000	27.0	27.0	405,000
North Central	386,000	336,000	21.1	24.3	8,161,000
Cavalier	172,000	170,000	36.9	37.4	6,353,000
Grand Forks	216,000	211,000	36.5	37.4	7,885,000
Nelson	64,000	63,000	35.8	36.4	2,291,000
Pembina	234,000	232,000	37.1	37.4	8,685,000
Ramsey	61,500	61,000	33.1	33.3	2,033,000
Towner	14,500	14,000	35.1	36.4	509,000
Walsh	201,000	200,000	36.7	36.9	7,373,000
Northeast	963,000	951,000	36.5	36.9	35,129,000
Dunn	135,000	132,000	20.6	21.0	2,776,000
McKenzie	117,000	115,000	21.2	21.5	2,477,000
McLean	170,000	168,000	23.3	23.6	3,963,000
Mercer	97,000	95,000	23.6	24.1	2,291,000
Oliver	58,000	57,000	24.2	24.6	1,403,000
West Central	577,000	567,000	22.4	22.8	12,910,000
Eddy	49,000	41,000	19.5	23.3	957,000
Foster	83,000	77,000	27.8	30.0	2,307,000
Kidder	86,000	83,000	17.2	17.8	1,475,000
Sheridan	125,000	124,000	23.7	23.9	2,958,000
Stutsman	221,000	220,000	28.3	28.4	6,254,000
Wells	168,000	149,000	25.7	28.9	4,310,000
Central	732,000	694,000	24.9	26.3	18,261,000
Barnes	235,000	234,000	31.5	31.7	7,409,000
Cass	267,000	266,000	35.6	35.7	9,508,000
Griggs	99,000	98,000	30.3	30.6	3,003,000
Steele	113,000	112,000	34.9	35.2	3,946,000
Traill	154,000	153,000	35.0	35.2	5,392,000
East Central	868,000	863,000	33.7	33.9	29,258,000
Adams	94,000	93,000	17.5	17.7	1,647,000
Billings	40,000	39,000	19.3	19.7	770,000
Bowman	86,000	83,500	17.7	18.2	1,520,000
Golden Valley	50,000	49,500	18.0	18.2	901,000
Hettinger	204,000	193,000	21.1	22.3	4,295,000
Slope	81,000	78,000	20.5	21.2	1,657,000
Stark	167,000	164,000	22.3	22.8	3,732,000
Southwest	722,000	700,000	20.1	20.7	14,522,000
Burleigh	171,000	167,000	17.2	17.6	2,938,000
Emmons	208,000	205,000	15.8	16.0	3,288,000
Grant	122,000	114,000	17.4	18.6	2,123,000
Morton	135,000	130,000	21.9	22.8	2,959,000
Sioux	41,000	40,000	15.7	16.1	642,000
South Central	677,000	656,000	17.7	18.2	11,950,000
Dickey	118,000	117,000	25.2	25.4	2,977,000
LaMoure	143,000	142,000	26.8	27.0	3,830,000
Logan	125,000	124,000	19.7	19.8	2,461,000
McIntosh	128,000	127,000	19.7	19.9	2,521,000
Ransom	83,000	82,000	32.2	32.6	2,670,000
Richland	157,000	156,000	31.4	31.6	4,922,000
Sargent	89,000	89,000	24.9	24.9	2,219,000
Southeast	843,000	837,000	25.6	25.8	21,600,000
STATE	6,400,000	6,230,000	25.8	26.5	165,095,000

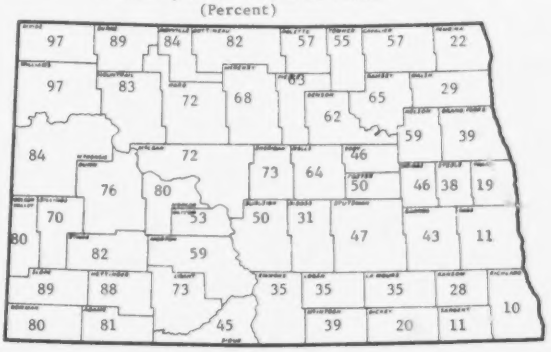
SPRING WHEAT OTHER THAN DURUM - 1979
Production by Counties
(Rank of First Ten Counties Shown)



SPRING WHEAT OTHER THAN DURUM - 1979
Yield per Harvested Acre
(Bushels)



SPRING WHEAT OTHER THAN DURUM - 1979
Percent planted on Summer Fallow
(Percent)



SPRING WHEAT OTHER THAN DURUM: Acreage, Yield and Production by Counties
1978 (Revised) and 5-Year Average, 1974-78 1/

District and County	1978					5-Year Average, 1974-78				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	103,100	102,000	31.5	31.9	3,252,000	114,600	112,400	26.0	26.5	2,969,300
Divide	41,000	40,000	29.2	29.9	1,197,000	66,200	65,000	24.7	25.2	1,623,200
Mountrail	41,900	41,200	29.7	30.2	1,245,100	57,100	55,800	23.4	23.9	1,316,800
Renville	90,000	88,900	31.6	32.0	2,843,000	101,600	100,500	26.6	26.9	2,691,000
Ward	134,400	133,300	33.5	33.7	4,497,600	154,100	152,200	26.4	26.7	4,063,700
Williams	197,100	194,100	29.7	30.1	5,846,700	207,400	205,300	24.0	24.2	4,965,300
Northwest	607,500	599,500	31.1	31.5	18,881,400	700,900	691,200	25.3	25.6	17,629,400
Benson	44,400	44,100	25.9	26.1	1,151,600	61,600	59,800	22.3	22.9	1,376,900
Bottineau	84,900	84,100	29.6	29.9	2,516,800	107,100	105,500	24.7	25.1	2,623,600
McHenry	150,400	147,900	25.2	25.6	3,789,700	158,300	153,400	19.9	20.5	3,144,400
Pierce	76,500	70,300	22.8	24.8	1,746,300	76,300	72,000	19.5	20.5	1,475,800
Rolette	17,300	17,200	30.3	30.5	524,800	20,300	20,000	26.2	26.6	558,900
North Central	373,500	363,600	26.0	26.8	9,729,200	423,600	410,500	21.7	22.4	9,179,600
Cavalier	157,900	156,100	33.7	34.1	5,327,900	160,300	155,900	29.5	30.3	4,740,400
Grand Forks	217,400	215,700	36.0	36.3	7,826,300	256,600	253,700	32.1	32.5	8,201,600
Nelson	52,600	51,600	30.1	30.7	1,584,500	64,100	63,300	24.8	25.1	1,577,700
Pembina	219,900	217,700	34.7	35.0	7,622,100	274,500	270,400	31.8	32.2	8,716,900
Ramsey	53,300	52,600	32.0	32.5	1,707,800	63,700	62,100	27.4	28.1	1,752,500
Towner	17,300	17,100	32.9	33.3	568,600	25,700	25,200	32.2	32.8	828,700
Walsh	205,000	203,200	34.2	34.5	7,015,100	218,500	212,900	31.2	32.1	6,809,800
Northeast	923,400	914,000	34.3	34.6	31,652,300	1,063,300	1,043,400	30.8	31.3	32,627,500
Dunn	130,700	128,100	27.8	28.4	3,633,100	122,000	116,800	21.9	22.9	2,693,000
McKenzie	103,800	101,000	27.7	28.5	2,874,400	99,600	96,600	23.4	24.1	2,329,200
McLean	199,800	198,200	29.0	29.2	5,795,700	206,200	197,800	23.1	24.0	4,744,500
Mercer	91,000	90,200	27.0	27.3	2,461,200	92,200	89,900	21.6	22.1	1,988,000
Oliver	46,900	46,500	25.6	25.8	1,200,600	50,500	47,600	21.4	22.4	1,093,400
West Central	572,200	564,000	27.9	28.3	15,965,000	570,500	548,700	22.5	23.4	12,848,100
Eddy	50,100	48,400	24.4	25.2	1,221,200	57,100	56,400	19.7	19.9	1,117,100
Foster	81,100	80,200	26.4	26.7	2,141,300	94,900	93,800	24.0	24.2	2,272,500
Kidder	89,300	85,800	19.0	19.8	1,695,000	87,600	79,500	14.3	15.5	1,247,200
Sheridan	123,800	122,600	27.2	27.5	3,369,200	134,100	126,700	20.4	21.3	2,720,600
Stutsman	223,000	218,100	28.5	29.1	6,356,300	285,100	275,500	23.5	24.3	6,604,700
Wells	189,100	187,400	30.8	31.1	5,828,100	182,800	177,500	24.5	24.9	4,486,700
Central	756,400	742,500	27.2	27.8	20,611,100	841,600	809,300	22.1	22.9	18,448,800
Barnes	224,500	222,700	31.2	31.5	7,013,000	251,300	245,000	26.0	26.8	6,499,700
Cass	268,300	265,700	35.4	35.8	9,510,500	380,100	355,800	28.0	29.6	10,478,900
Griggs	95,300	94,500	31.4	31.7	2,994,400	103,200	102,400	26.4	26.5	2,697,800
Steele	126,600	125,600	31.0	31.3	3,930,700	142,100	140,900	28.9	29.1	4,082,800
Traill	151,800	150,600	37.8	38.1	5,744,100	179,700	175,200	32.0	32.9	5,724,300
East Central	866,500	859,100	33.7	34.0	29,192,700	1,056,500	1,019,300	28.1	29.1	29,483,400
Adams	89,600	88,700	24.2	24.4	2,168,700	103,600	99,500	20.2	20.9	2,076,400
Billings	37,900	37,400	26.6	27.0	1,009,500	30,700	29,600	21.8	22.5	672,100
Bowman	78,300	76,200	24.1	24.7	1,885,400	88,600	86,200	21.1	21.7	1,858,500
Golden Valley	40,100	39,500	27.6	28.0	1,104,800	38,900	37,400	25.0	26.0	964,400
Hettinger	203,800	199,600	25.7	26.2	5,231,500	213,000	206,000	23.2	24.0	4,948,700
Slope	79,600	79,000	26.4	26.6	2,101,500	83,100	81,300	23.8	24.2	1,950,300
Stark	154,900	152,500	26.1	26.5	4,041,800	159,300	152,700	22.8	23.6	3,618,400
Southwest	684,200	672,900	25.6	26.1	17,543,200	717,200	692,800	22.5	23.3	16,088,800
Burleigh	158,100	156,300	24.6	24.8	3,882,600	156,600	141,100	16.7	17.9	2,584,900
Emmons	180,500	178,400	20.7	20.9	3,733,700	182,900	171,800	14.3	15.0	2,581,400
Grant	120,400	117,100	20.4	20.9	2,450,700	125,800	120,800	18.6	19.5	2,347,700
Morton	146,000	142,600	25.5	26.1	3,723,600	138,200	128,100	19.5	20.9	2,701,700
Sioux	39,800	39,500	21.3	21.4	846,000	39,600	37,900	15.9	16.5	628,500
South Central	644,800	633,900	22.7	23.1	14,636,600	643,200	599,700	16.9	18.0	10,844,200
Dickey	115,000	113,300	23.0	23.4	2,648,300	126,000	122,700	20.7	21.3	2,535,000
LaMoure	171,100	167,800	27.0	27.5	4,611,400	171,000	160,800	22.0	23.4	3,755,700
Logan	123,300	122,300	21.7	21.9	2,679,200	119,400	116,700	16.9	17.2	2,003,100
McIntosh	125,000	123,800	21.7	21.9	2,712,000	123,100	121,100	15.9	16.1	1,938,700
Ransom	87,300	86,600	28.6	28.8	2,498,400	94,500	91,100	23.0	24.0	2,153,600
Richland	170,300	168,400	28.7	29.0	4,891,400	212,600	203,400	24.6	25.5	5,138,900
Sargent	79,500	78,300	23.1	23.5	1,837,800	86,600	85,100	23.4	23.9	2,022,000
Southeast	871,500	860,500	25.1	25.4	21,878,500	933,200	901,000	21.2	21.9	19,547,100
STATE	6,300,000	6,210,000	28.6	29.0	180,090,000	6,950,000	6,716,000	24.1	24.9	166,697,000

SPRING WHEAT OTHER THAN DURUM: Acreage, Yield and Production by Counties and Special Cropping Practices 1979 (Preliminary) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	95,000	93,000	18.1	18.5	1,718,000	12,000	12,000	18.8	18.8	225,000
Divide	55,500	55,000	20.8	20.9	1,152,000	1,300	1,300	17.7	17.7	23,000
Mountrail	38,000	37,500	17.6	17.8	669,000	8,000	8,000	20.8	20.8	166,000
Renville	69,500	69,000	23.4	23.6	1,627,000	13,500	13,000	18.8	19.5	254,000
Ward	83,500	83,000	26.5	26.7	2,214,000	32,500	32,000	22.1	22.4	717,000
Williams	216,000	215,000	20.4	20.5	4,404,000	6,300	6,300	15.1	15.1	95,000
Northwest	557,500	552,500	21.1	21.3	11,784,000	73,600	72,600	20.1	20.4	1,480,000
Benson	28,500	20,000	21.7	30.9	618,200	17,200	14,700	20.3	23.7	348,600
Bottineau	58,000	57,500	24.2	24.4	1,402,000	13,000	12,500	17.9	18.6	233,000
McHenry	113,000	106,000	23.4	25.0	2,646,000	53,900	47,900	20.3	22.8	1,094,000
Pierce	55,000	39,000	16.9	23.9	931,000	32,000	23,000	14.5	20.2	464,000
Rolette	8,500	8,500	30.1	30.1	256,000	6,500	6,500	22.9	22.9	149,000
North Central	263,000	231,000	22.3	25.3	5,853,200	122,600	104,600	18.7	21.9	2,288,600
Cavalier	97,500	97,000	37.0	37.2	3,612,000	74,500	73,000	36.8	37.5	2,741,000
Grand Forks	84,000	82,000	38.9	39.9	3,268,000	132,000	129,000	35.0	35.8	4,617,000
Nelson	38,000	37,500	36.2	36.7	1,376,000	26,000	25,500	35.2	35.9	915,000
Pembina	51,000	50,000	35.8	36.6	1,828,000	183,000	182,000	37.5	37.7	6,857,000
Ramsey	40,000	39,500	34.0	34.4	1,359,000	21,500	21,500	31.3	31.3	674,000
Towner	8,000	7,800	34.4	35.3	275,000	6,500	6,200	36.0	37.7	234,000
Walsh	59,000	58,500	38.1	38.4	2,249,000	142,000	141,500	36.1	36.2	5,124,000
Northeast	377,500	372,300	37.0	37.5	13,967,000	585,500	578,700	36.1	36.6	21,162,000
Dunn	103,000	101,000	21.7	22.2	2,238,000	32,000	31,000	16.8	17.4	538,000
McKenzie	98,500	96,600	20.4	20.8	2,011,100	14,600	14,500	17.8	17.9	259,200
McLean	123,000	121,500	23.6	23.9	2,908,800	46,700	46,200	22.3	22.5	1,040,700
Mercer	77,500	76,500	24.4	24.7	1,893,000	19,400	18,400	20.3	21.4	393,000
Oliver	31,000	30,500	26.4	26.9	819,000	27,000	26,500	21.6	22.0	584,000
West Central	433,000	426,100	22.8	23.2	9,869,900	139,700	136,600	20.1	20.6	2,814,900
Eddy	22,300	19,800	23.0	26.0	514,000	26,500	21,000	16.3	20.6	432,000
Foster	41,500	38,000	30.7	33.5	1,273,000	41,400	38,900	24.9	26.5	1,029,000
Kidder	27,000	26,000	23.1	24.0	624,000	59,000	57,000	14.4	14.9	851,000
Sheridan	91,000	90,500	23.6	23.7	2,149,000	34,000	33,500	23.8	24.1	809,000
Stutsman	103,000	103,000	29.8	29.8	3,069,000	118,000	117,000	27.0	27.2	3,185,000
Wells	108,000	96,000	27.5	30.9	2,970,000	60,000	53,000	22.3	25.3	1,340,000
Central	392,800	373,300	27.0	28.4	10,599,000	338,900	320,400	22.6	23.9	7,646,000
Barnes	100,800	100,300	33.2	33.4	3,346,000	134,000	133,500	30.3	30.4	4,054,000
Cass	29,000	29,000	37.6	37.6	1,089,000	238,000	237,000	35.4	35.5	8,419,000
Griggs	45,500	45,000	31.6	32.0	1,439,000	53,500	53,000	29.2	29.5	1,564,000
Steele	43,500	43,000	35.4	35.8	1,539,000	69,500	69,000	34.6	34.9	2,407,000
Traill	30,000	29,500	31.2	31.8	937,000	124,000	123,500	35.9	36.1	4,455,000
East Central	248,800	246,800	33.6	33.8	8,350,000	619,000	616,000	33.8	33.9	20,899,000
Adams	76,000	75,500	17.7	17.8	1,347,000	18,000	17,500	16.7	17.1	300,000
Billings	28,000	27,500	20.9	21.2	584,000	12,000	11,500	15.5	16.2	186,000
Bowman	69,000	67,500	18.5	18.9	1,276,000	17,000	16,000	14.4	15.3	244,000
Golden Valley	40,000	39,500	19.2	19.4	766,000	10,000	10,000	13.5	13.5	135,000
Hettinger	179,000	171,000	22.0	23.0	3,939,000	25,000	22,000	14.2	16.2	356,000
Slope	72,000	70,000	21.6	22.2	1,553,000	9,000	8,000	11.6	13.0	104,000
Stark	137,000	135,000	22.8	23.1	3,121,000	30,000	29,000	20.4	21.1	611,000
Southwest	601,000	586,000	20.9	21.5	12,586,000	121,000	114,000	16.0	17.0	1,936,000
Burleigh	85,000	83,000	21.1	21.6	1,796,000	86,000	84,000	13.3	13.6	1,142,000
Emmons	72,000	71,000	17.8	18.1	1,285,000	136,000	134,000	14.7	14.9	2,003,000
Grant	89,500	87,500	19.8	20.2	1,767,800	32,400	26,400	10.9	13.3	352,000
Morton	80,000	77,500	25.2	26.0	2,015,000	54,900	52,400	17.1	18.0	941,000
Sioux	18,500	18,000	20.8	21.3	384,000	22,500	22,000	11.5	11.7	258,000
South Central	345,000	337,000	21.0	21.5	7,247,800	331,800	318,800	14.2	14.7	4,696,000
Dickey	23,700	23,200	29.1	29.7	690,000	94,000	93,500	24.2	24.3	2,275,000
LaMoure	49,400	49,300	29.2	29.3	1,443,000	93,500	92,600	25.5	25.7	2,383,000
Logan	44,000	43,500	23.4	23.7	1,031,000	81,000	80,500	17.7	17.8	1,430,000
McIntosh	49,500	49,500	23.2	23.2	1,150,000	78,500	77,500	17.5	17.7	1,371,000
Ransom	23,500	23,000	31.7	32.3	744,000	59,500	59,000	32.4	32.6	1,926,000
Richland	15,000	15,000	29.5	29.5	443,000	142,000	141,000	31.5	31.8	4,479,000
Sargent	9,500	9,500	29.7	29.7	282,000	79,500	79,500	24.4	24.4	1,937,000
Southeast	214,600	213,000	26.9	27.2	5,783,000	628,000	623,600	25.2	25.3	15,801,000
STATE	3,433,200	3,338,000	25.1	25.8	86,039,900	2,960,100	2,885,300	26.6	27.3	78,723,500

1/ See page 33 for irrigated acres.

SPRING WHEAT OTHER THAN DURUM: Acreage, Yield and Production by Counties and Special Cropping Practices
1978 (Revised) 1/

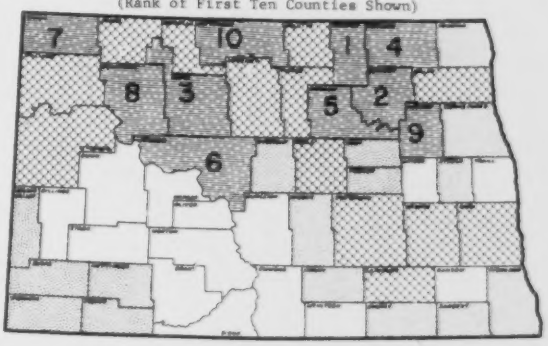
District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Plted.	Harv.				Plted.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	99,200	98,100	31.6	32.0	3,138,700	3,900	3,900	29.1	29.1	113,300
Divide	40,000	39,000	29.1	29.8	1,162,100	900	900	32.1	32.1	28,900
Mountrail	33,700	33,000	29.7	30.4	1,001,800	8,200	8,200	29.7	29.7	243,300
Renville	77,000	75,900	32.0	32.5	2,463,500	13,000	13,000	29.2	29.2	379,500
Ward	106,800	105,700	34.1	34.4	3,636,800	27,600	27,600	31.2	31.2	860,800
Williams	185,800	182,800	29.5	30.0	5,489,100	10,600	10,600	30.9	30.9	327,500
Northwest	542,500	534,500	31.1	31.6	16,892,000	64,200	64,200	30.4	30.4	1,953,300
Benson	25,500	25,200	28.4	28.7	723,800	18,900	18,900	22.6	22.6	427,800
Bottineau	62,700	62,000	30.2	30.5	1,892,200	22,200	22,100	28.1	28.3	624,600
McHenry	100,900	99,300	26.0	26.4	2,619,000	49,400	48,500	23.6	24.0	1,164,700
Pierce	48,700	47,200	24.5	25.3	1,192,300	27,800	23,100	19.9	24.0	554,000
Rolette	12,200	12,100	30.9	31.1	376,800	5,100	5,100	29.0	29.0	148,000
North Central	250,000	245,800	27.2	27.7	6,804,100	123,400	117,700	23.7	24.8	2,919,100
Cavalier	108,000	106,200	35.1	35.7	3,795,200	49,900	49,900	30.7	30.7	1,532,700
Grand Forks	66,100	65,600	36.5	36.8	2,411,200	151,300	150,100	35.8	36.1	5,415,100
Nelson	34,700	34,100	31.3	31.9	1,086,200	17,900	17,500	27.8	28.5	498,300
Pembina	63,100	62,500	33.9	34.2	2,136,300	156,800	155,200	35.0	35.3	5,485,800
Ramsey	37,200	36,700	32.9	33.3	1,222,100	16,100	15,900	30.2	30.5	485,700
Towner	11,200	11,100	34.1	34.4	382,200	6,100	6,000	30.6	31.1	186,400
Walsh	56,200	55,700	31.8	32.1	1,789,100	148,800	147,500	35.1	35.4	5,226,000
Northeast	376,500	371,900	34.1	34.5	12,822,300	546,900	542,100	34.4	34.7	18,830,000
Dunn	88,600	87,000	29.0	29.5	2,567,700	42,100	41,100	25.3	25.9	1,065,400
McKenzie	86,800	84,100	26.5	27.3	2,297,100	13,500	13,400	28.8	29.0	388,300
McLean	140,800	139,700	30.8	31.1	4,341,100	58,700	58,200	24.6	24.8	1,441,100
Mercer	73,400	72,800	28.3	28.6	2,079,700	17,400	17,200	21.4	21.6	371,500
Oliver	23,900	23,600	28.0	28.3	668,200	23,000	22,900	23.1	23.2	532,400
West Central	413,500	407,200	28.9	29.4	11,953,800	154,700	152,800	24.6	24.9	3,798,700
Eddy	21,200	20,500	25.1	25.9	531,800	28,600	27,600	23.6	24.5	675,000
Foster	37,800	37,600	30.1	30.3	1,137,600	43,200	42,500	23.1	23.5	999,200
Kidder	33,800	33,100	23.4	23.9	789,500	55,500	52,700	16.3	17.2	905,500
Sheridan	92,000	91,000	28.1	28.4	2,587,600	31,800	31,600	24.6	24.7	781,600
Stutsman	117,700	116,100	32.9	33.4	3,872,700	105,300	102,000	23.6	24.3	2,483,600
Wells	117,400	116,400	33.0	33.3	3,872,400	71,700	71,000	27.3	27.5	1,955,700
Central	419,900	414,700	30.5	30.8	12,791,600	336,100	327,400	23.2	23.8	7,800,600
Barnes	80,200	79,500	33.6	33.9	2,696,300	143,700	142,600	29.9	30.1	4,289,700
Cass	29,500	29,300	36.3	36.5	1,070,800	238,500	236,100	35.3	35.7	8,421,700
Griggs	48,600	48,200	37.6	37.9	1,827,200	46,700	46,300	25.0	25.2	1,167,200
Steele	59,500	59,000	33.6	33.9	2,000,100	67,100	66,600	28.8	29.0	1,930,600
Traill	21,400	21,200	40.4	40.8	864,900	130,400	129,400	37.4	37.7	4,879,200
East Central	239,200	237,200	35.4	35.7	8,459,300	626,400	621,000	33.0	33.3	20,688,400
Adams	72,100	71,200	24.9	25.3	1,798,300	17,500	17,500	21.2	21.2	370,400
Billings	30,600	30,200	28.7	29.1	878,100	7,300	7,200	18.0	18.3	131,400
Bowman	68,400	66,600	24.9	25.6	1,705,000	9,900	9,600	18.2	18.8	180,400
Golden Valley	36,200	35,700	27.6	28.0	1,000,300	3,900	3,800	26.8	27.5	104,500
Hettinger	182,200	178,400	25.8	26.4	4,705,800	21,600	21,200	24.3	24.8	525,700
Slope	72,400	71,800	27.0	27.2	1,951,900	7,200	7,200	20.8	20.8	149,600
Stark	116,200	114,400	27.3	27.8	3,174,600	38,700	38,100	22.4	22.8	867,200
Southwest	578,100	568,300	26.3	26.8	15,214,000	106,100	104,600	22.0	22.3	2,329,200
Burleigh	72,100	72,100	28.2	28.2	2,035,500	86,000	84,200	21.5	21.9	1,847,100
Emmons	29,400	29,400	24.9	24.9	731,700	151,100	149,000	19.9	20.1	3,002,000
Grant	99,400	96,400	21.3	22.0	2,118,100	20,800	20,500	15.8	16.0	328,000
Morton	99,600	96,800	27.1	27.9	2,696,600	46,400	45,800	22.1	22.4	1,027,000
Sioux	23,900	23,600	23.5	23.8	562,000	15,900	15,900	17.9	17.9	284,000
South Central	324,400	318,300	25.1	25.6	8,143,900	320,200	315,400	20.3	20.6	6,488,100
Dickey	11,000	11,000	30.5	30.5	335,200	103,700	102,000	22.2	22.6	2,301,100
LaMoure	54,500	54,100	29.3	29.5	1,596,800	116,500	113,600	25.8	26.5	3,010,100
Logan	41,400	41,400	26.6	26.6	1,103,000	81,900	80,900	19.2	19.5	1,576,200
McIntosh	38,800	38,800	24.2	24.2	938,700	86,200	85,000	20.6	20.9	1,773,300
Ransom	7,900	7,900	31.2	31.2	246,800	79,400	78,700	28.4	28.6	2,251,600
Richland	14,800	14,800	33.2	33.2	491,500	155,500	153,600	28.3	28.6	4,399,900
Sargent	6,100	6,000	23.7	24.1	144,600	73,400	72,300	23.1	23.4	1,693,200
Southeast	174,500	174,000	27.8	27.9	4,856,600	696,600	686,100	24.4	24.8	17,005,400
STATE	3,318,600	3,271,900	29.5	29.9	97,937,600	2,974,600	2,931,300	27.5	27.9	81,812,800

1/ See page 33 for irrigated acres.

DURUM WHEAT: Acreage, Yield and Production by Counties, 1979 (Preliminary)

District and County	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	78,000	77,500	16.8	16.9	1,308,000
Divide	185,000	181,000	23.8	24.3	4,401,000
Mountrail	219,000	215,000	19.5	19.8	4,267,000
Renville	96,000	95,500	20.7	20.8	1,990,000
Ward	257,000	255,000	22.6	22.8	5,820,000
Williams	116,000	115,000	23.6	23.8	2,739,000
Northwest	951,000	939,000	21.6	21.9	20,525,000
Benson	187,000	183,000	28.7	29.3	5,363,000
Bottineau	213,000	204,000	19.0	19.9	4,053,000
McHenry	54,000	52,000	23.9	24.8	1,290,000
Pierce	88,000	83,000	22.5	23.8	1,979,000
Rolette	114,000	113,000	27.1	27.3	3,087,000
North Central	656,000	635,000	24.0	24.8	15,772,000
Cavalier	155,000	152,000	36.0	36.7	5,579,000
Grand Forks	14,000	13,500	30.9	32.0	432,000
Nelson	127,000	126,000	32.2	32.5	4,095,000
Pembina	8,000	7,500	37.5	40.0	300,000
Ramsey	187,000	185,000	33.0	33.4	6,180,000
Towner	208,000	203,000	29.8	30.5	6,192,000
Walsh	58,000	57,000	34.2	34.8	1,985,000
Northeast	757,000	744,000	32.7	33.3	24,763,000
Dunn	1,400	1,300	20.7	22.3	29,000
McKenzie	51,000	49,500	19.7	20.3	1,005,000
McLean	206,000	204,000	22.7	22.9	4,668,000
Mercer	4,200	3,900	19.5	21.0	82,000
Oliver	400	300	15.0	20.0	6,000
West Central	263,000	259,000	22.0	22.4	5,790,000
Eddy	30,000	25,500	24.8	29.2	745,000
Foster	27,000	22,500	26.0	31.2	703,000
Kidder	27,000	26,500	21.2	21.6	572,000
Sheridan	20,000	19,500	21.0	21.5	420,000
Stutsman	118,000	116,000	27.8	28.3	3,283,000
Wells	94,000	84,000	24.6	27.5	2,310,000
Central	316,000	294,000	25.4	27.3	8,033,000
Barnes	40,000	39,500	30.6	30.9	1,222,000
Cass	43,000	42,000	31.6	32.3	1,357,000
Griggs	8,000	7,800	27.8	28.5	222,000
Steele	10,000	9,800	32.8	33.5	328,000
Traill	6,000	5,900	34.8	35.4	209,000
East Central	107,000	105,000	31.2	31.8	3,338,000
Adams	25,000	23,500	15.0	16.0	376,000
Billings	1,000	1,000	19.0	19.0	19,000
Bowman	22,000	22,000	20.5	20.5	451,000
Golden Valley	29,000	28,500	22.6	23.0	655,000
Hettinger	23,000	23,000	28.0	28.0	644,000
Slope	12,000	11,500	23.5	24.5	282,000
Stark	7,000	6,500	23.7	25.5	166,000
Southwest	119,000	116,000	21.8	22.4	2,593,000
Burleigh	13,000	12,000	14.6	15.8	190,000
Emmons	9,000	8,500	14.2	15.1	128,000
Grant	2,000	2,000	21.0	21.0	42,000
Morton	7,000	6,500	18.6	20.0	130,000
Sioux	1,000	1,000	17.0	17.0	17,000
South Central	32,000	30,000	15.8	16.9	507,000
Dickey	17,000	17,000	23.0	23.0	391,000
LaMoure	54,000	53,500	26.1	26.4	1,412,000
Logan	17,000	17,000	20.0	20.0	340,000
McIntosh	9,000	9,000	23.6	23.6	212,000
Ransom	4,000	4,000	25.0	25.0	100,000
Richland	10,000	10,000	29.5	29.5	295,000
Sargent	18,000	17,500	23.8	24.5	429,000
Southeast	129,000	128,000	24.6	24.8	3,179,000
STATE	3,330,000	3 250,000	25.4	26.0	84,500,000

DURUM WHEAT, 1979 - Production by Counties
(Rank of First Ten Counties Shown)



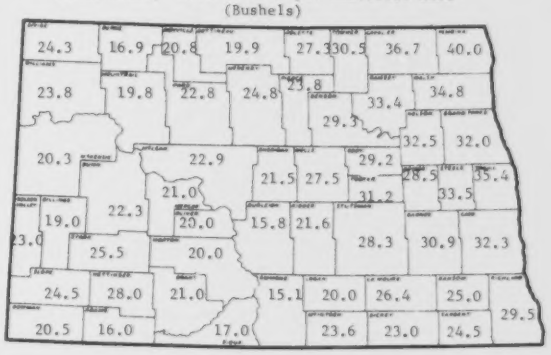
Under 250,000 bu.

250,000-999,999 bu.

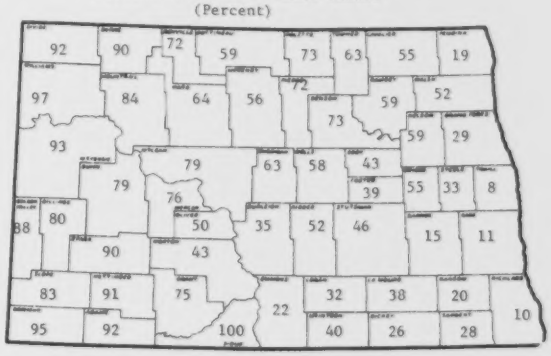
1,000,000-3,999,999 bu.

4,000,000 bu. & Over

DURUM WHEAT, 1979 - Yield per Harvested Acre
(Bushels)



DURUM WHEAT
Percent Planted on Summer Fallow
(Percent)



DURUM WHEAT: Acreage, Yield and Production by Counties, 1978 (Revised) and 5-Year Average, 1974-78

District and County	1978					5-Year Average, 1974-78 1/				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	73,900	73,100	31.2	31.5	2,305,300	68,000	66,000	25.4	26.1	1,728,500
Divide	176,200	173,400	32.0	32.5	5,642,600	178,300	171,200	25.8	26.8	4,590,500
Mountrail	221,300	218,800	32.2	32.5	7,119,900	210,000	205,600	24.8	25.3	5,201,800
Renville	86,300	85,300	33.7	34.0	2,904,200	87,200	85,700	26.1	26.6	2,274,900
Ward	250,700	247,400	34.7	35.2	8,696,600	245,800	241,000	26.2	26.7	6,459,100
Williams	111,100	109,800	32.4	32.7	3,595,000	125,100	124,000	26.3	26.5	3,245,800
Northwest	919,500	907,800	32.9	33.3	30,263,600	914,400	893,400	25.7	26.3	23,500,500
Benson	192,500	189,200	29.4	29.9	5,662,700	191,900	188,100	25.3	25.8	4,899,100
Bottineau	209,300	207,000	31.4	31.7	6,569,600	220,700	215,800	24.0	24.7	5,247,700
McHenry	76,800	75,800	30.4	30.8	2,337,200	67,900	66,100	22.3	22.9	1,547,600
Pierce	95,500	92,600	26.7	27.5	2,548,200	96,900	94,200	22.2	22.9	2,186,400
Rolette	104,500	103,400	32.5	32.8	3,395,900	109,300	108,000	25.3	25.6	2,747,200
North Central	678,600	668,000	30.2	30.7	20,513,600	686,700	672,200	24.1	24.7	16,628,000
Cavalier	134,200	131,500	31.8	32.4	4,265,900	154,100	150,400	27.4	28.0	4,192,800
Grand Forks	10,600	10,500	29.4	29.7	312,100	23,800	23,300	26.1	26.5	623,400
Nelson	135,100	133,500	28.6	28.9	3,861,500	142,100	138,700	23.1	23.6	3,283,000
Pembina	7,300	7,200	36.6	37.1	266,900	9,200	9,000	32.0	32.6	297,800
Ramsey	197,200	189,600	30.7	31.9	6,055,500	202,600	196,700	26.6	27.4	5,425,100
Towner	195,000	187,100	30.1	31.3	5,862,800	209,800	205,700	26.3	26.9	5,527,400
Walsh	54,100	53,300	29.6	30.0	1,600,600	78,200	76,900	26.1	26.5	2,035,800
Northeast	733,500	712,700	30.3	31.2	22,225,300	819,800	800,700	26.1	26.7	21,385,200
Dunn	2,000	2,000	35.6	35.6	71,100	2,600	2,500	24.7	24.9	62,600
McKenzie	51,400	49,500	30.6	31.7	1,571,000	44,200	42,900	22.9	23.7	1,047,100
McLean	179,600	177,800	34.3	34.6	6,160,700	183,600	177,400	25.4	26.3	4,647,800
Mercer	1,700	1,700	29.0	29.0	49,300	2,500	2,500	23.5	23.7	60,300
Oliver	1,500	1,500	28.9	28.9	43,400	1,400	1,300	18.7	20.5	31,000
West Central	236,200	232,500	33.4	34.0	7,895,500	234,200	226,600	24.8	25.8	5,848,900
Eddy	28,500	27,100	25.0	26.3	713,100	29,400	29,000	20.8	21.2	605,300
Foster	20,000	19,800	25.1	25.3	501,200	29,800	29,300	22.3	22.7	671,200
Kidder	17,800	17,600	21.8	22.1	388,900	30,000	28,700	16.7	17.2	516,800
Sheridan	19,700	19,500	29.5	29.8	581,700	17,600	16,400	20.2	21.7	371,800
Stutsman	131,900	128,200	30.4	31.2	4,004,300	123,400	119,000	23.2	24.1	2,886,000
Wells	114,600	113,300	32.0	32.3	3,664,100	102,500	99,400	23.0	24.0	2,459,800
Central	332,500	325,500	29.6	30.3	9,853,300	332,800	321,800	22.2	23.1	7,510,900
Barnes	31,600	31,300	31.1	31.4	983,900	45,900	44,900	25.6	26.2	1,139,600
Cass	38,700	37,900	34.2	34.9	1,324,600	40,100	35,900	29.5	31.6	1,084,500
Griggs	14,000	13,700	26.9	27.5	377,000	18,900	18,600	23.7	24.0	439,900
Steele	7,700	7,600	31.9	32.3	245,800	18,400	18,300	28.4	28.6	510,900
Traill	8,100	8,000	37.5	38.0	303,700	11,500	11,400	32.3	32.6	358,400
East Central	100,100	98,500	32.3	32.8	3,235,000	134,800	129,100	27.1	28.2	3,533,400
Adams	27,200	26,200	24.4	25.3	663,100	21,500	20,300	20.0	21.0	432,000
Billings	500	500	34.2	34.2	17,100	1,300	1,200	24.5	25.4	30,400
Bowman	22,100	21,700	21.7	22.1	479,500	20,100	19,400	21.9	22.7	451,500
Golden Valley	27,500	26,800	34.6	35.6	952,800	23,600	23,300	31.2	31.6	744,400
Hettinger	12,500	12,400	31.8	32.0	397,300	16,700	16,500	28.6	28.9	474,500
Slope	14,500	14,300	29.0	29.4	420,800	12,100	12,000	27.0	27.3	334,200
Stark	5,500	5,400	32.9	33.6	181,200	9,500	9,100	21.1	23.4	206,600
Southwest	109,800	107,300	28.3	29.0	3,111,800	104,800	101,900	25.3	26.0	2,673,700
Burleigh	15,400	15,200	22.6	22.9	348,100	20,600	19,100	16.2	17.7	351,700
Emmons	14,100	14,000	27.6	27.8	389,500	23,500	23,000	16.9	17.2	387,100
Grant	12,900	12,800	22.4	22.6	289,200	9,300	8,700	19.2	22.1	204,100
Morton	1,000	900	18.8	20.9	18,800	6,300	5,700	15.5	18.2	107,000
Sioux	6,700	6,600	19.8	20.1	132,600	6,200	5,800	13.1	14.8	91,700
South Central	50,100	49,500	23.5	23.8	1,178,200	65,800	62,300	16.7	17.9	1,141,600
Dickey	22,300	22,100	25.0	25.2	557,100	24,200	23,500	21.1	21.6	513,300
LaMoure	50,800	50,300	30.7	31.0	1,561,000	55,600	53,500	23.1	24.1	1,270,400
Logan	10,000	9,900	27.6	27.9	276,400	12,500	12,000	21.0	21.6	246,500
McIntosh	13,300	13,200	25.6	25.8	340,700	22,300	21,800	18.2	18.7	385,600
Ransom	2,100	2,100	28.4	28.4	59,700	11,800	11,000	23.2	25.4	260,000
Richland	12,000	11,800	27.0	27.4	323,500	11,000	10,300	24.1	25.7	259,800
Sargent	29,200	28,800	22.8	23.1	665,300	27,300	26,000	23.0	23.9	605,300
Southeast	139,700	138,200	27.1	27.4	3,783,700	164,700	158,100	21.9	22.8	3,540,900
STATE	3,300,000	3,240,000	30.9	31.5	102,060,000	3,458,000	3,366,000	24.8	25.5	85,763,000

1/ Totals may not add due to rounding.

June 1980

DURUM WHEAT: Acreage, Yield and Production by Counties and Special Cropping Practices
1979 (Preliminary) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	70,000	69,500	17.1	17.3	1,199,000	8,000	8,000	13.6	13.6	109,000
Divide	171,000	167,000	23.9	24.5	4,091,000	13,800	13,800	21.6	21.6	298,000
Mountrail	184,000	182,000	19.7	19.9	3,618,000	35,000	33,000	18.5	19.7	649,000
Renville	69,500	69,000	21.1	21.2	1,466,000	26,500	26,500	19.8	19.8	524,000
Ward	165,000	164,000	23.4	23.5	3,857,000	92,000	91,000	21.3	21.6	1,963,000
Williams	112,000	111,000	23.3	23.6	2,614,100	1,900	1,900	16.0	16.0	30,400
Northwest	771,500	762,500	21.8	22.1	16,845,100	177,200	174,200	20.2	20.5	3,573,400
Benson	137,000	134,000	29.5	30.2	4,042,000	49,800	48,800	26.3	26.9	1,312,000
Bottineau	125,000	120,000	20.5	21.4	2,562,000	88,000	84,000	16.9	17.8	1,491,000
McHenry	30,000	29,500	24.5	24.9	735,000	23,900	22,400	23.0	24.5	549,000
Pierce	63,500	60,500	22.8	24.0	1,449,000	24,500	22,500	21.6	23.6	530,000
Rolette	83,500	83,000	27.5	27.7	2,296,000	30,500	30,000	25.9	26.4	791,000
North Central	439,000	427,000	25.2	26.0	11,084,000	216,700	207,700	21.6	22.5	4,673,000
Cavalier	85,000	83,500	36.5	37.1	3,099,000	70,000	68,500	35.4	36.2	2,480,000
Grand Forks	4,000	4,000	36.3	36.3	145,000	10,000	9,500	28.7	30.2	287,000
Nelson	75,500	75,000	33.2	33.4	2,504,000	51,500	51,000	30.9	31.2	1,591,000
Pembina	1,500	1,500	36.0	36.0	54,000	6,500	6,000	37.8	41.0	246,000
Ramsey	110,000	109,000	34.1	34.4	3,753,000	77,000	76,000	31.5	31.9	2,427,000
Towner	130,000	126,000	29.6	30.6	3,853,000	78,000	77,000	30.0	30.4	2,339,000
Walsh	30,000	29,500	36.4	37.0	1,091,000	28,000	27,500	31.9	32.5	894,000
Northeast	436,000	428,500	33.3	33.8	14,499,000	321,000	315,500	32.0	32.5	10,264,000
Dunn	1,100	1,000	20.9	23.0	23,000	300	300	20.0	20.0	6,000
McKenzie	47,500	46,500	19.9	20.3	945,100	3,000	2,500	11.1	13.4	33,400
McLean	163,000	162,000	22.9	23.1	3,739,900	42,300	41,300	21.2	21.7	896,600
Mercer	3,200	3,100	20.0	20.6	64,000	1,000	800	18.0	22.5	18,000
Oliver	200	100	10.0	20.0	2,000	200	200	20.0	20.0	4,000
West Central	215,000	212,700	22.2	22.4	4,774,000	46,800	45,100	20.5	21.2	958,000
Eddy	13,000	11,500	28.5	32.3	371,000	17,000	14,000	22.0	26.7	374,000
Foster	10,400	7,900	26.0	34.2	270,000	16,500	14,500	25.9	29.5	428,000
Kidder	14,000	14,000	26.9	26.9	376,000	13,000	12,500	15.1	15.7	196,000
Sheridan	12,500	12,000	23.2	24.2	290,000	7,500	7,500	17.3	17.3	130,000
Stutsman	54,500	54,000	29.5	29.8	1,607,000	63,500	62,000	26.4	27.0	1,676,000
Wells	54,500	48,500	26.2	29.4	1,426,000	39,500	35,500	22.4	24.9	884,000
Central	158,900	147,900	27.3	29.3	4,340,000	157,000	146,000	23.5	25.3	3,688,000
Barnes	5,900	5,900	30.8	30.8	182,000	34,000	33,500	30.4	30.9	1,035,000
Cass	4,800	4,800	32.3	32.3	155,000	38,000	37,000	31.3	32.2	1,190,000
Griggs	4,400	4,300	29.8	30.5	131,000	3,600	3,500	25.3	26.0	91,000
Steele	3,300	3,300	32.1	32.1	106,000	6,700	6,500	33.1	34.2	222,000
Traill	500	500	30.0	30.0	15,000	5,500	5,400	35.3	35.9	194,000
East Central	18,900	18,800	31.2	31.3	589,000	87,800	85,900	31.1	31.8	2,732,000
Adams	23,000	22,000	15.2	15.9	350,000	2,000	1,500	13.0	17.3	26,000
Billings	800	800	20.0	20.0	16,000	200	200	15.0	15.0	3,000
Bowman	21,000	21,000	20.6	20.6	432,000	1,000	1,000	19.0	19.0	19,000
Golden Valley	25,500	25,000	23.1	23.6	589,000	3,500	3,500	18.9	18.9	66,000
Hettinger	21,000	21,000	29.0	29.0	610,000	2,000	2,000	17.0	17.0	34,000
Slope	10,000	9,500	25.2	26.5	252,000	2,000	2,000	15.0	15.0	30,000
Stark	6,300	6,100	24.9	25.7	157,000	700	400	12.9	22.5	9,000
Southwest	107,600	105,400	22.4	22.8	2,406,000	11,400	10,600	16.4	17.6	187,000
Burleigh	4,500	4,200	15.3	16.4	69,000	8,300	7,600	13.0	14.2	108,000
Emmons	2,000	1,800	13.0	14.4	26,000	7,000	6,700	14.6	15.2	102,000
Grant	1,500	1,500	22.7	22.7	34,000	500	500	16.0	16.0	8,000
Morton	3,000	2,900	22.7	23.4	68,000	4,000	3,600	15.5	17.2	62,000
Sioux	1,000	1,000	17.0	17.0	17,000	---	---	---	---	---
South Central	12,000	11,400	17.8	18.8	214,000	19,800	18,400	14.1	15.2	280,000
Dickey	4,500	4,500	28.2	28.2	127,000	12,500	12,500	21.1	21.1	264,000
LaMoure	20,500	20,500	29.0	29.0	594,000	33,500	33,000	24.4	24.8	818,000
Logan	5,500	5,500	26.4	26.4	145,000	11,500	11,500	17.0	17.0	195,000
McIntosh	3,600	3,600	20.8	20.8	75,000	5,400	5,400	25.4	25.4	137,000
Ransom	800	800	26.3	26.3	21,000	3,200	3,200	24.7	24.7	79,000
Richland	1,000	1,000	25.0	25.0	25,000	9,000	9,000	30.0	30.0	270,000
Sargent	5,000	5,000	27.2	27.2	136,000	13,000	12,500	22.5	23.4	293,000
Southeast	40,900	40,900	27.5	27.5	1,123,000	88,100	87,100	23.3	23.6	2,056,000
STATE	2,199,800	2,155,100	25.4	25.9	55,874,100	1,125,800	1,090,500	25.2	26.1	28,411,400

1/ See page 33 for irrigated acres.

DURUM WHEAT: Acreage, Yield and Production by Counties and Special Cropping Practices
1978 (Revised) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	61,700	60,900	32.6	33.0	2,009,300	12,200	12,200	24.3	24.3	296,000
Divide	152,500	149,700	32.3	32.9	4,928,600	23,400	23,400	29.7	29.7	694,500
Mountrail	201,600	199,100	32.3	32.7	6,506,000	19,700	19,700	31.2	31.2	613,900
Renville	73,400	72,400	33.6	34.0	2,462,800	12,900	12,900	34.2	34.2	441,400
Ward	184,000	180,800	36.0	36.6	6,623,400	66,700	66,600	31.1	31.1	2,073,200
Williams	101,100	99,800	31.8	32.2	3,214,000	8,100	8,100	36.0	36.0	291,700
Northwest	774,300	762,700	33.2	33.8	25,744,100	143,000	142,900	30.8	30.9	4,410,700
Benson	135,500	132,400	30.8	31.5	4,170,600	56,500	56,300	26.0	26.1	1,467,100
Bottineau	147,100	144,900	32.0	32.5	4,711,400	62,200	62,100	29.9	29.9	1,858,200
McHenry	38,400	37,400	31.6	32.4	1,211,800	38,300	38,300	29.2	29.2	1,119,900
Pierce	73,100	70,200	27.7	28.8	2,025,000	22,400	22,400	23.4	23.4	523,200
Rolette	72,300	71,200	32.4	32.9	2,340,600	32,200	32,200	32.8	32.8	1,055,300
North Central	466,400	456,100	31.0	31.7	14,459,400	211,600	211,300	28.5	28.5	6,023,700
Cavalier	99,600	98,000	32.9	33.4	3,276,300	34,600	33,500	28.6	29.5	989,600
Grand Forks	4,400	4,400	32.0	32.0	141,000	6,200	6,100	27.6	28.0	171,100
Nelson	78,500	77,600	31.3	31.7	2,456,900	56,600	55,900	24.8	25.1	1,404,600
Pembina	1,500	1,500	40.3	40.3	60,500	5,800	5,700	35.6	36.2	206,400
Ramsey	139,600	134,200	31.6	32.8	4,406,000	57,600	55,400	28.6	29.8	1,649,500
Towner	136,300	130,800	30.3	31.6	4,129,800	58,700	56,300	29.5	30.8	1,733,000
Walsh	23,900	23,600	32.8	33.2	783,300	30,200	29,700	27.1	27.5	817,300
Northeast	483,800	470,100	31.5	32.4	15,253,800	249,700	242,600	27.9	28.7	6,971,500
Dunn	1,400	1,400	38.5	38.5	53,900	600	600	28.7	28.7	17,200
McKenzie	48,700	47,100	30.6	31.7	1,491,900	2,200	1,900	23.7	27.4	52,100
McLean	144,200	142,800	35.6	36.0	5,139,200	34,700	34,300	28.5	28.9	990,000
Mercer	1,500	1,500	29.3	29.3	44,000	200	200	26.5	26.5	5,300
Oliver	900	900	35.4	35.4	31,900	600	600	19.2	19.2	11,500
West Central	196,700	193,700	34.4	34.9	6,760,900	38,300	37,600	28.1	28.6	1,076,100
Eddy	14,200	13,000	27.2	29.7	386,300	14,300	14,100	22.9	23.2	326,800
Foster	5,200	5,200	26.3	26.3	136,900	14,700	14,500	24.4	24.8	359,300
Kidder	7,100	7,000	27.0	27.4	191,800	10,700	10,600	18.4	18.6	197,100
Sheridan	15,000	14,800	30.8	31.2	461,800	4,700	4,700	25.5	25.5	119,900
Stutsman	69,200	67,700	32.3	33.0	2,232,400	62,700	60,500	28.3	29.3	1,771,900
Wells	74,100	73,200	33.4	33.8	2,474,200	40,500	40,100	29.4	29.7	1,189,900
Central	184,800	180,900	31.8	32.5	5,883,400	147,600	144,500	26.9	27.4	3,964,900
Barnes	12,600	12,500	30.9	31.1	389,200	18,900	18,700	31.2	31.5	589,700
Cass	900	900	46.9	46.9	42,200	37,800	37,000	33.9	34.7	1,282,400
Griggs	7,000	6,900	31.7	32.2	222,100	7,000	6,800	22.1	22.8	154,900
Steele	2,600	2,600	36.5	36.5	94,800	5,100	5,000	29.6	30.2	151,000
Traill	200	200	34.5	34.5	6,900	7,900	7,800	37.6	38 1	296,800
East Central	23,300	23,100	32.4	32.7	755,200	76,700	75,300	32.3	32.9	2,474,800
Adams	21,300	20,400	25.6	26.7	545,400	5,900	5,800	19.9	20.3	117,700
Billings	500	500	34.2	34.2	17,100	---	---	---	---	---
Bowman	18,000	17,700	23.1	23.5	415,400	4,100	4,000	15.6	16.0	64,100
Golden Valley	25,600	25,000	35.1	36.0	899,300	1,900	1,800	28.2	29.7	53,500
Hettinger	11,300	11,200	33.2	33.4	374,600	1,200	1,200	18.9	18.9	22,700
Slope	12,300	12,100	30.5	31.0	375,400	2,200	2,200	20.6	20.6	45,400
Stark	4,600	4,500	33.3	34.0	153,100	900	900	31.2	31.2	28,100
Southwest	93,600	91,400	29.7	30.4	2,780,300	16,200	15,900	20.5	20.8	331,500
Burleigh	8,200	8,000	26.0	26.6	212,800	6,900	6,900	16.8	16.8	115,800
Emmons	5,400	5,400	39.9	39.9	215,400	8,700	8,600	20.0	20.2	174,100
Grant	9,700	9,600	23.0	23.3	223,200	3,200	3,200	20.6	20.6	66,000
Morton	600	500	17.7	21.2	10,600	400	400	20.5	20.5	8,200
Sioux	5,000	4,900	19.3	19.7	96,500	1,700	1,700	21.2	21.2	36,100
South Central	28,900	28,400	26.2	26.7	758,500	20,900	20,800	19.1	19.2	400,200
Dickey	3,900	3,900	28.7	28.7	111,900	18,400	18,200	24.2	24.5	445,200
LaMoure	20,900	20,900	34.0	34.0	709,800	29,800	29,300	28.4	28.9	847,200
Logan	5,000	5,000	37.1	37.1	185,500	5,000	4,900	18.2	18.6	90,900
McIntosh	4,700	4,700	30.4	30.4	142,900	8,600	8,500	23.0	23.3	197,800
Ransom	600	600	27.0	27.0	16,200	1,500	1,500	29.0	29.0	43,500
Richland	1,000	1,000	30.1	30.1	30,100	11,000	10,800	26.7	27.2	293,400
Sargent	1,100	1,100	22.0	22.0	24,200	28,100	27,700	22.8	23.1	641,100
Southeast	37,200	37,200	32.8	32.8	1,220,600	102,400	100,900	25.0	25.4	2,559,100
STATE	2,289,000	2,243,600	32.2	32.8	73,616,200	1,006,400	991,800	28.0	28.4	28,212,500

1/ See page 33 for irrigated acres.

WINTER WHEAT: Acreage, Yield and Production by Counties, 1978 (Revised) and 1979 (Preliminary)

District and County	1978					1979				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	1,100	400	11.3	31.0	12,400	200	200	15.0	15.0	3,000
Divide	800	700	24.6	28.1	19,700	1,300	1,300	20.0	20.0	26,000
Mountrail	2,200	1,500	16.3	23.9	35,900	3,400	2,900	12.8	15.0	43,500
Renville	1,100	600	18.7	34.3	20,600	2,400	2,300	22.0	23.0	52,900
Ward	2,300	1,400	12.0	19.6	27,500	2,200	500	4.5	20.0	10,000
Williams	15,200	12,400	19.4	23.8	295,200	4,500	4,300	18.5	19.3	83,100
Northwest	22,700	17,000	18.1	24.2	411,300	14,000	11,500	15.6	19.0	218,500
Benson	---	---	---	---	---	1,800	500	8.3	30.0	15,000
Bottineau	3,600	2,100	14.6	25.0	52,400	4,800	2,500	13.3	25.5	63,800
McHenry	1,100	400	9.2	25.3	10,100	2,400	2,000	18.8	22.5	45,000
Pierce	1,000	1,000	26.8	26.8	26,800	2,400	1,400	11.4	19.5	27,300
Rolette	100	100	27.0	27.0	2,700	100	100	17.0	17.0	1,700
North Central	5,800	3,600	15.9	25.6	92,000	11,500	6,500	13.3	23.5	152,800
Grand Forks	100	100	32.0	32.0	3,200	1,000	800	26.8	33.5	26,800
Nelson	200	100	12.5	25.0	2,500	100	100	30.0	30.0	3,000
Pembina	1,100	1,000	21.9	24.1	24,100	3,900	3,300	30.0	35.5	117,000
Ramsey	1,200	1,200	35.5	35.5	42,600	100	---	---	---	---
Towner	100	100	29.0	29.0	2,900	---	---	---	---	---
Walsh	100	100	34.0	34.0	3,400	900	800	25.8	29.0	23,200
Northeast	2,800	2,600	28.1	30.3	78,700	6,000	5,000	28.3	34.0	170,000
Dunn	2,100	2,000	31.5	33.1	66,100	3,000	1,500	7.5	15.0	22,500
McKenzie	22,000	20,600	36.5	39.0	803,500	19,500	18,000	18.2	19.8	355,500
McLean	3,700	3,100	25.2	30.1	93,300	6,500	3,500	11.8	22.0	77,000
Oliver	100	100	25.0	25.0	2,500	---	---	---	---	---
West Central	27,900	25,800	34.6	37.4	965,400	29,000	23,000	15.7	19.8	455,000
Kidder	800	800	19.6	19.6	15,700	---	---	---	---	---
Stutsman	200	100	13.5	27.0	2,700	---	---	---	---	---
Wells	1,500	1,400	25.3	27.1	38,000	1,000	500	10.0	20.0	10,000
Central	2,500	2,300	22.6	24.5	56,400	1,000	500	10.0	20.0	10,000
Barnes	4,100	900	6.9	31.3	28,200	1,500	1,000	17.7	26.5	26,500
Cass	2,200	1,700	25.0	32.3	54,900	2,500	2,200	32.6	37.0	81,500
Griggs	900	900	30.1	30.1	27,100	---	---	---	---	---
Steele	---	---	---	---	---	100	---	---	---	---
Traill	---	---	---	---	---	900	800	35.6	40.0	32,000
East Central	7,200	3,500	15.3	31.5	110,200	5,000	4,000	28.0	35.0	140,000
Adams	12,000	10,700	20.9	23.4	250,400	15,000	11,000	15.0	20.5	225,300
Billings	300	200	18.3	27.5	5,500	4,300	2,500	13.7	23.5	58,700
Bowman	26,600	25,500	25.5	26.6	678,300	23,000	14,000	13.1	21.5	300,700
Golden Valley	10,900	8,200	23.0	30.6	250,900	15,000	13,000	19.9	23.0	298,800
Hettinger	11,200	10,700	28.4	29.7	317,800	9,000	6,000	14.0	21.0	125,900
Slope	2,900	2,600	27.1	30.2	78,500	8,700	6,500	15.7	21.0	136,400
Stark	7,700	7,500	28.2	29.0	217,500	14,000	9,000	12.5	19.5	175,400
Southwest	71,600	65,400	25.1	27.5	1,798,900	89,000	62,000	14.8	21.3	1,321,200
Burleigh	800	800	21.4	21.4	17,100	900	800	15.1	17.0	13,600
Emmons	9,600	7,700	24.2	30.2	232,500	4,500	1,000	4.4	20.0	20,000
Grant	1,100	1,000	28.7	31.6	31,600	2,000	1,700	20.2	23.8	40,400
Morton	3,400	900	6.4	24.1	21,700	1,100	600	13.6	25.0	15,000
Sioux	---	---	---	---	---	1,000	900	13.5	15.0	13,500
South Central	14,900	10,400	20.3	29.1	302,900	9,500	5,000	10.8	20.5	102,500
Dickey	1,200	1,200	20.8	20.8	25,000	---	---	---	---	---
LaMoure	100	100	34.0	34.0	3,400	100	100	25.0	25.0	2,500
Logan	100	---	---	---	---	1	---	---	---	---
McIntosh	---	---	---	---	---	700	500	16.4	23.0	11,500
Ransom	2,300	2,200	20.4	21.3	46,900	2,500	1,400	16.6	29.6	41,500
Richland	1,000	900	23.9	26.6	23,900	1,500	500	9.7	29.0	14,500
Sargent	---	---	---	---	---	100	---	---	---	---
Southeast	4,600	4,400	21.6	22.5	99,200	5,000	2,500	14.0	28.0	70,000
STATE	160,000	135,000	24.5	29.0	3,915,000	170,000	120,000	15.5	22.0	2,640,000
North Dakota Totals by Special Cropping Practices										
Summer Fallow	133,100	114,500	25.4	29.6	3,385,100	126,900	89,700	15.8	22.3	1,999,500
Cont. Cropping	26,900	20,500	19.7	25.8	529,900	43,100	30,300	14.9	21.1	640,500
Irrigated	---------NONE---------					---------NONE---------				

IRRIGATION

ALL WHEAT, DURUM WHEAT AND SPRING WHEAT OTHER THAN DURUM
Irrigated Acreage, Yield and Production by Counties, 1978 (Revised) and 1979 (Preliminary)

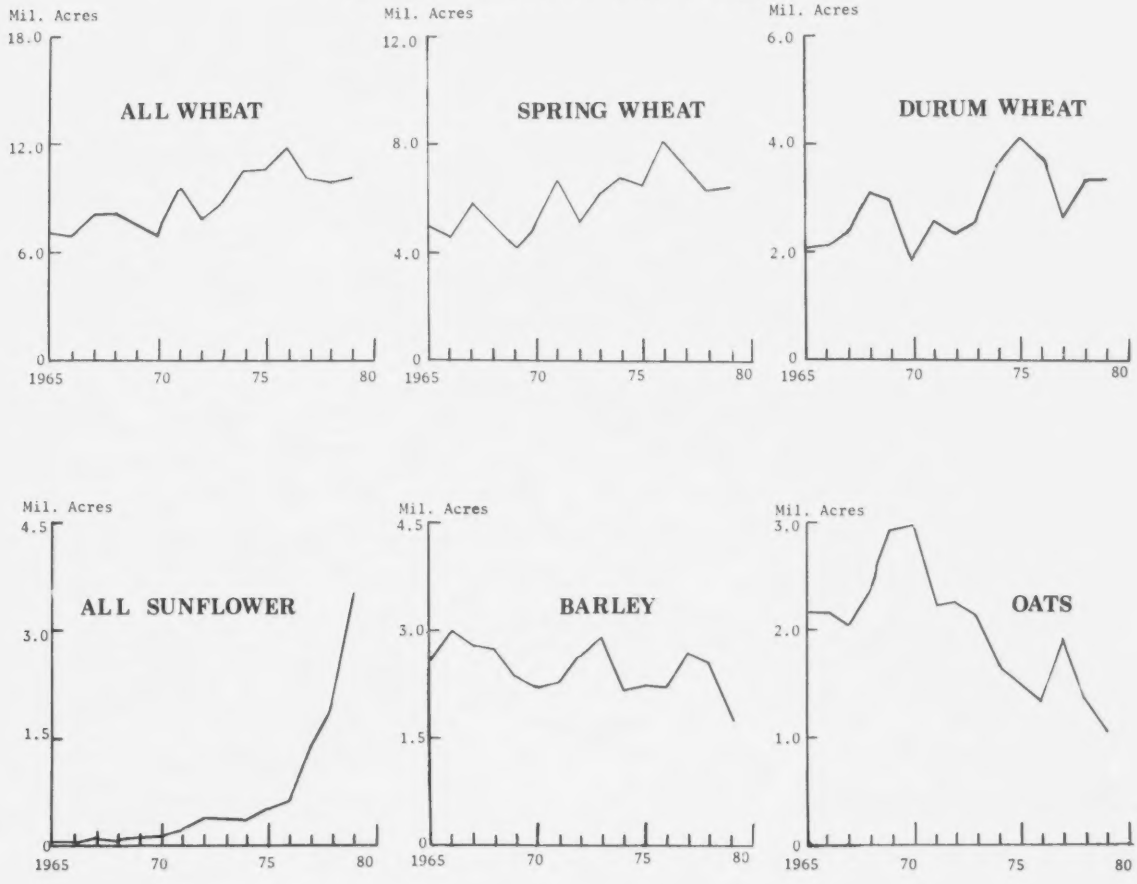
County	1978 Irrigated					1979 Irrigated				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
ALL WHEAT										
Divide	400	400	63.8	63.8	25,500	400	400	60.0	60.0	24,000
Williams	2,600	2,600	45.9	45.9	119,400	2,800	2,800	43.8	43.8	122,500
Benson	500	500	50.0	50.0	25,000	500	500	44.4	44.4	22,200
McHenry	200	200	57.5	57.5	11,500	200	200	60.0	60.0	12,000
McKenzie	4,000	4,000	54.0	54.0	216,000	4,400	4,400	53.0	53.0	233,200
McLean	1,000	1,000	45.0	45.0	45,000	1,000	1,000	45.0	45.0	45,000
Mercer	200	200	50.0	50.0	10,000	100	100	50.0	50.0	5,000
Eddy	300	300	48.0	48.0	14,400	200	200	55.0	55.0	11,000
Foster	200	200	47.5	47.5	9,500	200	200	50.0	50.0	10,000
Barnes	700	700	45.7	45.7	32,000	300	300	46.7	46.7	14,000
Cass	300	300	60.0	60.0	18,000	200	200	60.0	60.0	12,000
Burleigh	300	300	65.0	65.0	19,500	200	200	65.0	65.0	13,000
Grant	200	200	23.0	23.0	4,600	100	100	32.0	32.0	3,200
Morton	---	---	---	---	---	100	100	30.0	30.0	3,000
Dickey	300	300	40.0	40.0	12,000	300	300	40.0	40.0	12,000
LaMoure	200	200	42.5	42.5	8,500	100	100	40.0	40.0	4,000
STATE	11,400	11,400	50.1	50.1	570,900	11,100	11,100	49.2	49.2	546,100
DURUM WHEAT										
Divide	300	300	65.0	65.0	19,500	200	200	60.0	60.0	12,000
Williams	1,900	1,900	47.0	47.0	89,300	2,100	2,100	45.0	45.0	94,500
Benson	500	500	50.0	50.0	25,000	200	200	45.0	45.0	9,000
McHenry	100	100	55.0	55.0	5,500	100	100	60.0	60.0	6,000
McKenzie	500	500	54.0	54.0	27,000	500	500	53.0	53.0	26,500
McLean	700	700	45.0	45.0	31,500	700	700	45.0	45.0	31,500
Foster	100	100	50.0	50.0	5,000	100	100	50.0	50.0	5,000
Barnes	100	100	50.0	50.0	5,000	100	100	50.0	50.0	5,000
Cass	---	---	---	---	---	200	200	60.0	60.0	12,000
Burleigh	300	300	65.0	65.0	19,500	200	200	65.0	65.0	13,000
LaMoure	100	100	40.0	40.0	4,000	---	---	---	---	---
STATE	4,600	4,600	50.3	50.3	231,300	4,400	4,400	48.8	48.8	214,500
SPRING WHEAT OTHER THAN DURUM										
Divide	100	100	60.0	60.0	6,000	200	200	60.0	60.0	12,000
Williams	700	700	43.0	43.0	30,100	700	700	40.0	40.0	28,000
Benson	---	---	----	----	---	300	300	44.0	44.0	13,200
McHenry	100	100	60.0	60.0	6,000	100	100	60.0	60.0	6,000
McKenzie	3,500	3,500	54.0	54.0	189,000	3,900	3,900	53.0	53.0	206,700
McLean	300	300	45.0	45.0	13,500	300	300	45.0	45.0	13,500
Mercer	200	200	50.0	50.0	10,000	100	100	50.0	50.0	5,000
Eddy	300	300	48.0	48.0	14,400	200	200	55.0	55.0	11,000
Foster	100	100	45.0	45.0	4,500	100	100	50.0	50.0	5,000
Barnes	600	600	45.0	45.0	27,000	200	200	45.0	45.0	9,000
Cass	300	300	60.0	60.0	18,000	---	---	---	---	---
Grant	200	200	23.0	23.0	4,600	100	100	32.0	32.0	3,200
Morton	---	---	---	---	----	100	100	30.0	30.0	3,000
Dickey	300	300	40.0	40.0	12,000	300	300	40.0	40.0	12,000
LaMoure	100	100	45.0	45.0	4,500	100	100	40.0	40.0	4,000
STATE	6,800	6,800	49.9	49.9	339,600	6,700	6,700	49.5	49.5	331,600

IRRIGATION CONT.

BARLEY: Irrigated Acreage, Yield and Production by Counties
1978 (Revised) and 1979 (Preliminary)

County	1978					1979				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Divide	100	100	80.0	80.0	8,000	100	100	70.0	70.0	7,000
Williams	100	100	65.0	65.0	6,500	100	100	80.0	80.0	8,000
Benson	300	300	80.0	80.0	24,000	300	300	75.0	75.0	22,500
McKenzie	300	300	82.0	82.0	24,600	200	200	75.0	75.0	15,000
McLean	---	---	---	---	---	200	200	60.0	60.0	12,000
Griggs	100	100	65.0	65.0	6,500	---	---	---	---	---
Emmons	300	300	90.0	90.0	27,000	200	200	80.0	80.0	16,000
Dickey	300	300	60.0	60.0	18,000	300	300	70.0	70.0	21,000
Ransom	200	200	75.0	75.0	15,000	100	100	80.0	80.0	8,000
STATE	1,700	1,700	76.2	76.2	129,600	1,500	1,500	73.0	73.0	109,500

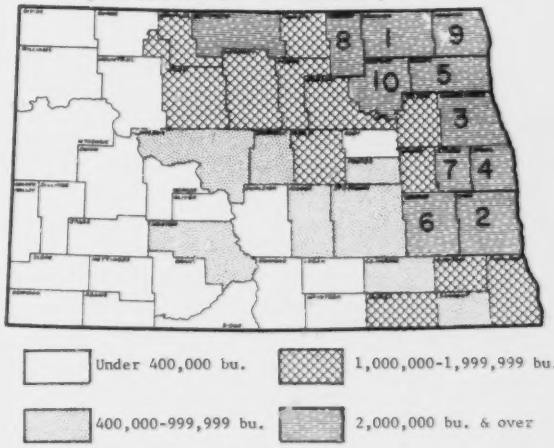
PLANTED ACRES OF MAJOR CROPS



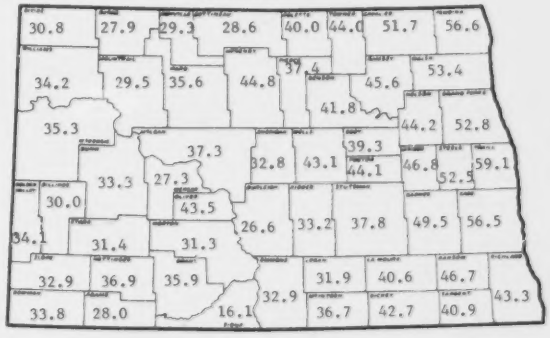
BARLEY: Acreage, Yield and Production by Counties
1979 (Preliminary)

District and County	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	13,000	12,000	25.8	27.9	335,000
Divide	6,300	6,000	29.4	30.8	185,000
Mountrail	10,000	10,000	29.5	29.5	295,000
Renville	38,600	37,500	28.9	29.3	1,100,000
Ward	32,000	31,500	35.0	35.6	1,120,000
Williams	6,700	6,000	30.6	34.2	205,000
Northwest	106,000	103,000	30.6	31.5	3,240,000
Benson	42,500	41,000	40.4	41.8	1,715,000
Bottineau	81,000	76,000	26.8	28.6	2,170,000
McHenry	28,500	27,000	42.5	44.8	1,210,000
Pierce	30,000	29,000	36.2	37.4	1,085,000
Rolette	44,000	43,000	39.1	40.0	1,720,000
North Central	226,000	216,000	35.0	36.6	7,900,000
Cavalier	171,000	167,000	50.5	51.7	8,638,000
Grand Forks	118,000	117,000	52.4	52.8	6,178,000
Nelson	36,000	35,500	43.6	44.2	1,569,000
Pembina	43,500	43,000	56.0	56.6	2,435,000
Ramsey	54,000	51,500	43.5	45.6	2,350,000
Towner	72,000	68,000	41.5	44.0	2,990,000
Walsh	88,500	86,000	51.9	53.4	4,590,000
Northeast	583,000	568,000	49.3	50.6	28,750,000
Dunn	7,000	6,300	30.0	33.3	210,000
McKenzie	9,000	8,500	33.3	35.3	300,000
McLean	11,500	11,000	35.7	37.3	410,000
Mercer	3,500	3,300	25.7	27.3	90,000
Oliver	7,000	6,900	42.9	43.5	300,000
West Central	38,000	36,000	34.5	36.4	1,310,000
Eddy	6,000	5,700	37.3	39.3	224,000
Foster	10,500	9,300	39.0	44.1	410,000
Kidder	12,500	12,500	33.2	33.2	415,000
Sheridan	13,000	13,000	32.8	32.8	426,000
Stutsman	23,000	22,500	37.0	37.8	850,000
Wells	35,000	31,000	38.1	43.1	1,335,000
Central	100,000	94,000	36.6	38.9	3,660,000
Barnes	88,000	87,500	49.2	49.5	4,330,000
Cass	139,000	138,000	56.1	56.5	7,800,000
Griggs	25,000	25,000	46.8	46.8	1,170,000
Steele	64,000	64,000	52.5	52.5	3,360,000
Traill	103,000	102,500	58.8	59.1	6,060,000
East Central	419,000	417,000	54.2	54.5	22,720,000
Adams	4,100	4,100	28.0	28.0	115,000
Billings	1,100	1,100	30.0	30.0	33,000
Bowman	8,300	6,800	27.7	33.8	230,000
Golden Valley	4,200	3,200	26.0	34.1	109,000
Hettinger	6,600	6,400	35.8	36.9	236,000
Slope	11,500	10,500	30.0	32.9	345,000
Stark	7,200	6,900	30.1	31.4	217,000
Southwest	43,000	39,000	29.9	32.9	1,285,000
Burleigh	8,100	7,900	25.9	26.6	210,000
Emmons	7,500	7,300	32.0	32.9	240,000
Grant	12,000	8,500	25.4	35.9	305,000
Morton	17,000	15,500	28.5	31.3	485,000
Sioux	3,400	2,800	13.2	16.1	45,000
South Central	48,000	42,000	26.8	30.6	1,285,000
Dickey	26,000	25,500	41.9	42.7	1,090,000
LaMoure	16,000	16,000	40.6	40.6	650,000
Logan	2,900	2,600	28.6	31.9	83,000
McIntosh	7,600	7,500	36.2	36.7	275,000
Ransom	24,000	24,000	46.7	46.7	1,120,000
Richland	42,500	42,000	42.8	43.3	1,820,000
Sargent	18,000	17,400	39.6	40.9	712,000
Southeast	137,000	135,000	42.0	42.6	5,750,000
STATE	1,700,000	1,650,000	44.6	46.0	75,900,000

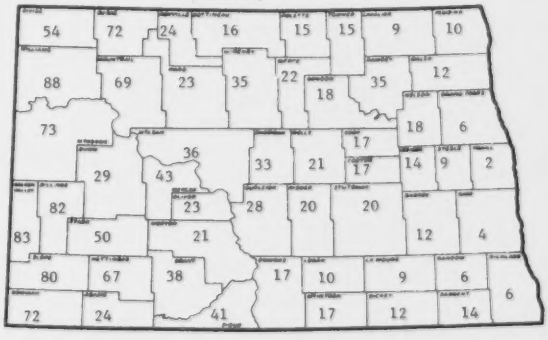
BARLEY, 1979 - Production by Counties
(Rank of First Ten Counties Shown)



BARLEY, 1979 - Yield per Harvested Acre
(Bushels)



Barley - 1979
Percent Planted on Summer Fallow
(Percent)



BARLEY: Acreage, Yield and Production by Counties
1978 (Revised) and 5-Year Average, 1974-78

District and County	1978					5-Year Average, 1974-78 1/				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	17,200	16,900	44.9	45.7	771,800	17,700	17,000	32.5	33.8	575,100
Divide	14,400	13,600	40.9	43.3	589,000	11,300	10,600	31.7	33.6	370,400
Mountrail	10,800	10,700	45.6	46.1	492,900	9,700	9,300	33.5	35.0	330,100
Renville	42,100	41,600	42.4	42.9	1,785,200	31,500	30,800	33.5	34.3	1,080,000
Ward	42,300	41,800	51.0	51.6	2,155,800	35,100	34,200	34.8	35.6	1,253,400
Williams	10,000	9,600	43.3	45.1	432,800	12,700	12,200	32.3	33.4	395,900
Northwest	136,800	134,200	45.5	46.4	6,227,500	117,900	114,100	33.4	34.5	4,004,800
Benson	63,400	62,400	40.2	40.8	2,548,800	71,500	69,100	31.6	32.4	2,227,300
Bottineau	94,200	91,900	41.7	42.7	3,925,600	83,400	78,400	31.3	33.0	2,640,600
McHenry	36,700	35,800	38.6	39.6	1,416,500	27,500	25,800	28.0	29.4	774,000
Pierce	39,300	37,300	35.7	37.6	1,402,400	38,000	37,100	30.2	30.9	1,124,900
Rolette	52,100	51,400	45.0	45.6	2,342,300	49,300	47,900	36.1	37.0	1,788,100
North Central	285,700	278,800	40.7	41.7	11,635,600	269,700	258,300	31.8	33.0	8,554,900
Cavalier	215,900	211,500	44.6	45.6	9,638,200	182,800	178,600	37.5	38.3	7,029,300
Grand Forks	157,500	155,400	47.4	48.0	7,464,000	144,300	142,200	41.9	42.4	6,087,200
Nelson	82,300	81,000	37.8	38.4	3,109,200	67,200	65,700	31.6	32.3	2,165,100
Pembina	102,100	100,900	49.2	49.8	5,025,000	84,700	83,500	47.5	48.2	4,078,100
Ramsey	116,700	109,100	39.7	42.4	4,628,100	108,900	103,900	32.5	34.0	3,573,300
Towner	106,100	102,600	41.4	42.8	4,392,800	97,300	94,000	34.7	35.9	3,440,800
Walsh	128,600	127,100	47.0	47.5	6,042,100	124,700	121,200	41.8	43.0	5,255,100
Northeast	909,200	887,600	44.3	45.4	40,299,400	809,900	789,100	38.5	39.5	31,628,900
Dunn	10,600	10,400	44.9	45.8	476,000	10,100	9,000	28.4	31.1	280,600
McKenzie	12,800	12,700	52.1	52.6	667,500	11,800	10,700	33.1	36.1	391,100
McLean	15,800	15,600	46.6	47.2	737,000	15,100	14,700	33.9	34.7	503,600
Mercer	4,800	4,700	34.7	35.4	166,500	4,900	4,400	25.7	27.6	123,500
Oliver	7,100	7,000	48.6	49.3	345,200	6,200	5,400	32.4	36.0	194,900
West Central	51,100	50,400	46.8	47.5	2,392,200	48,100	44,100	31.6	33.9	1,493,800
Eddy	15,500	14,300	33.8	36.6	523,600	14,300	13,600	29.0	30.4	407,700
Foster	17,600	17,400	40.6	41.0	714,200	19,900	19,000	32.8	34.2	649,700
Kidder	15,500	15,300	32.6	33.1	506,000	13,500	12,000	20.7	22.4	281,100
Sheridan	14,200	14,000	42.8	43.4	607,700	15,000	13,600	26.4	28.1	399,200
Stutsman	40,700	39,800	43.3	44.3	1,762,800	58,400	54,600	34.5	36.6	1,968,900
Wells	58,400	57,500	44.9	45.6	2,620,300	54,400	49,200	31.3	34.3	1,705,700
Central	161,900	158,300	41.6	42.5	6,734,600	175,500	162,100	31.2	33.5	5,412,400
Barnes	126,500	125,000	49.5	50.1	6,262,200	121,700	118,700	39.2	40.2	4,791,300
Cass	191,200	189,000	55.7	56.3	10,640,400	175,500	160,600	40.0	42.9	7,086,300
Griggs	48,700	48,100	42.0	42.5	2,045,200	49,700	48,800	36.6	37.2	1,823,200
Steele	99,300	98,200	48.6	49.1	4,823,000	89,300	88,600	42.3	42.7	3,820,000
Traill	129,400	127,900	58.3	59.0	7,540,400	108,200	104,300	47.1	48.7	5,205,700
East Central	595,100	588,200	52.6	53.2	31,311,200	544,400	521,100	41.2	42.9	22,726,500
Adams	6,700	6,500	33.7	34.8	225,900	6,800	6,500	29.6	30.9	198,200
Billings	1,800	1,800	43.5	43.5	78,300	2,500	2,400	26.3	27.7	64,200
Bowman	10,900	10,200	28.5	30.4	310,200	11,400	10,900	30.3	31.9	342,300
Golden Valley	8,100	8,000	53.9	54.5	436,200	7,200	6,600	36.3	39.0	259,400
Hettinger	11,100	11,000	37.5	37.8	415,700	14,400	14,000	33.8	35.0	483,700
Slope	6,000	5,600	35.4	37.9	212,200	6,800	6,600	33.8	35.0	221,900
Stark	11,700	11,600	37.5	37.8	438,400	11,700	11,000	29.1	30.7	335,400
Southwest	56,300	54,700	37.6	38.7	2,116,900	60,800	57,800	31.8	33.4	1,905,000
Burleigh	13,400	13,200	36.6	37.2	491,100	16,500	14,200	25.3	27.8	418,700
Emmons	9,300	9,200	37.7	38.1	350,400	10,000	9,600	23.5	24.3	238,300
Grant	10,800	10,700	30.9	31.2	333,900	11,800	10,300	22.7	24.9	257,000
Morton	20,700	19,800	34.5	36.0	713,300	22,100	19,600	26.8	29.6	586,300
Sioux	3,000	3,000	27.6	27.6	82,700	3,700	3,200	21.1	23.1	74,700
South Central	57,200	55,900	34.5	35.3	1,971,400	64,100	57,000	25.0	27.4	1,575,000
Dickey	53,000	51,700	39.5	40.5	2,091,400	49,300	47,900	32.0	32.9	1,595,000
LaMoure	34,100	33,600	45.2	45.9	1,541,100	33,000	31,100	33.1	35.2	1,087,600
Logan	4,900	4,800	32.4	33.1	158,800	5,500	5,200	25.5	26.5	137,400
McIntosh	11,700	11,600	35.8	36.1	419,000	9,800	9,600	25.0	25.3	249,000
Ransom	33,200	32,800	44.5	45.1	1,478,500	37,200	34,900	33.4	35.8	1,226,500
Richland	69,600	68,500	39.7	40.4	2,764,200	80,700	76,900	36.1	37.5	2,891,700
Sargent	40,200	38,900	38.8	40.1	1,558,200	38,200	36,800	33.5	34.8	1,265,600
Southeast	246,700	241,900	40.6	41.4	10,011,200	253,600	242,400	33.5	35.0	8,452,700
STATE	2,500,000	2,450,000	45.1	46.0	112,700,000	2,344,000	2,246,000	36.3	37.8	85,754,000

1/ Totals may not add due to rounding.

BARLEY: Acreage, Yield and Production by Counties and Special Cropping Practices
1979 (Preliminary) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Plted.	Harv.				Plted.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	9,300	8,700	24.0	25.6	222,800	3,700	3,300	30.3	34.0	112,200
Divide	3,400	3,200	27.0	28.7	91,700	2,800	2,700	30.8	32.0	86,300
Mountrail	6,900	6,900	30.9	30.9	212,900	3,100	3,100	26.5	26.5	82,100
Renville	9,000	9,000	32.2	32.2	289,500	29,000	28,500	27.9	28.4	810,500
Ward	7,500	7,500	38.3	38.3	287,300	24,500	24,000	34.0	34.7	832,700
Williams	5,900	5,600	32.3	34.0	190,300	700	300	9.6	22.3	6,700
Northwest	42,000	40,900	30.8	31.7	1,294,500	63,800	61,900	30.3	31.2	1,930,500
Benson	7,700	7,200	35.5	38.0	273,700	34,500	33,500	41.1	42.4	1,418,800
Bottineau	13,000	12,500	31.7	32.9	411,500	68,000	63,500	25.9	27.7	1,758,500
McHenry	10,000	9,500	39.7	41.7	396,500	18,500	17,500	44.0	46.5	813,500
Pierce	6,500	6,500	39.9	39.9	259,100	23,500	22,500	35.1	36.7	825,900
Rolette	6,500	6,300	33.0	34.1	214,800	37,500	36,700	40.1	41.0	1,505,200
North Central	43,700	42,000	35.6	37.0	1,555,600	182,000	173,700	34.7	36.4	6,321,900
Cavalier	15,000	14,000	47.9	51.3	717,800	156,000	153,000	50.8	51.8	7,920,200
Grand Forks	7,000	7,000	55.2	55.2	386,100	111,000	110,000	52.2	52.7	5,791,900
Nelson	6,500	6,500	39.4	39.4	255,900	29,500	29,000	44.5	45.3	1,313,100
Pembina	4,500	4,500	44.8	44.8	201,800	39,000	38,500	57.3	58.0	2,233,200
Ramsey	19,000	18,000	43.3	45.7	822,500	35,000	33,500	43.6	45.6	1,527,500
Towner	11,000	10,500	41.6	43.6	457,300	61,000	57,500	41.5	44.0	2,532,700
Walsh	10,500	10,000	47.3	49.7	496,800	78,000	76,000	52.5	53.9	4,093,200
Northeast	73,500	70,500	45.4	47.4	3,338,200	509,500	497,500	49.9	51.1	25,411,800
Dunn	2,000	2,000	35.0	35.0	70,000	5,000	4,300	28.0	32.6	140,000
McKenzie	6,600	6,600	35.3	35.3	233,000	2,200	1,700	23.6	30.6	52,000
McLean	4,100	4,000	33.2	34.0	136,100	7,200	6,800	36.4	38.5	261,900
Mercer	1,500	1,500	33.5	33.5	50,200	2,000	1,800	19.9	22.1	39,800
Oliver	1,600	1,600	50.0	50.0	80,000	5,400	5,300	40.7	41.5	220,000
West Central	15,800	15,700	36.0	36.3	569,300	21,800	19,900	32.7	35.9	713,700
Eddy	1,000	900	43.5	48.3	43,500	5,000	4,800	36.1	37.6	180,500
Foster	1,800	1,700	42.0	44.5	75,600	8,700	7,600	38.4	44.0	334,400
Kidder	2,500	2,500	29.6	29.6	74,000	10,000	10,000	34.1	34.1	341,000
Sheridan	4,300	4,300	35.7	35.7	153,600	8,700	8,700	31.3	31.3	272,400
Stutsman	4,500	4,500	46.6	46.6	209,600	18,500	18,000	34.6	35.6	640,400
Wells	7,500	7,300	36.1	37.1	270,700	27,500	23,700	38.7	44.9	1,064,300
Central	21,600	21,200	38.3	39.0	827,000	78,400	72,800	36.1	38.9	2,833,000
Barnes	10,500	10,000	38.9	40.9	408,600	77,500	77,500	50.6	50.6	3,921,400
Cass	5,500	5,500	57.1	57.1	314,100	133,500	132,500	56.1	56.5	7,485,900
Griggs	3,500	3,500	56.0	56.0	196,000	21,500	21,500	45.3	45.3	974,000
Steele	6,000	6,000	49.9	49.9	299,200	58,000	58,000	52.8	52.8	3,060,800
Traill	2,000	2,000	54.8	54.8	109,600	101,000	100,500	58.9	59.2	5,950,400
East Central	27,500	27,000	48.3	49.2	1,327,500	391,500	390,000	54.6	54.9	21,392,500
Adams	1,000	1,000	34.3	34.3	34,300	3,100	3,100	26.0	26.0	80,700
Billings	900	900	30.6	30.6	27,500	200	200	27.5	27.5	5,500
Bowman	6,000	5,600	30.7	32.9	184,100	2,300	1,200	20.0	38.3	45,900
Golden Valley	3,500	2,800	27.4	34.2	95,800	700	400	18.9	33.0	13,200
Hettinger	4,400	4,400	37.7	37.7	166,000	2,200	2,000	31.8	35.0	70,000
Slope	9,200	9,100	33.4	33.8	307,600	2,300	1,400	16.3	26.7	37,400
Stark	3,600	3,400	31.0	32.9	111,700	3,600	3,500	29.3	30.1	105,300
Southwest	28,600	27,200	32.4	34.1	927,000	14,400	11,800	24.9	30.3	358,000
Burleigh	2,300	2,300	32.2	32.2	74,100	5,800	5,600	23.4	24.3	135,900
Emmons	1,300	1,300	26.6	26.6	34,600	6,000	5,800	31.6	32.7	189,400
Grant	4,500	2,000	20.0	45.0	90,000	7,500	6,500	28.7	33.1	215,000
Morton	3,500	3,500	36.0	36.0	126,000	13,500	12,000	26.6	29.9	359,000
Sioux	1,400	1,400	18.9	18.9	26,500	2,000	1,400	9.3	13.2	18,500
South Central	13,000	10,500	27.0	33.4	351,200	34,800	31,300	26.4	29.3	917,800
Dickey	3,200	2,700	41.7	49.4	133,400	22,500	22,500	41.6	41.6	935,600
LaMoure	1,500	1,500	47.8	47.8	71,700	14,500	14,500	39.9	39.9	578,300
Logan	300	300	33.7	33.7	10,100	2,600	2,300	28.0	31.7	72,900
McIntosh	1,300	1,300	32.0	32.0	41,600	6,300	6,200	37.0	37.6	233,400
Ransom	1,400	1,400	39.6	39.6	55,500	22,500	22,500	47.0	47.0	1,056,500
Richland	2,500	2,500	50.4	50.4	125,900	40,000	39,500	42.4	42.9	1,694,100
Sargent	2,500	2,400	43.8	45.6	109,400	15,500	15,000	38.9	40.2	602,600
Southeast	12,700	12,100	43.1	45.3	547,600	123,900	122,500	41.8	42.2	5,173,400
STATE	278,400	267,100	38.6	40.2	10,737,900	1,420,100	1,381,400	45.8	47.1	65,052,600

1/ See page 34 for irrigated acres.

BARLEY: Acreage, Yield and Production by Counties and Special Cropping Practices
1978 (Revised) 1/

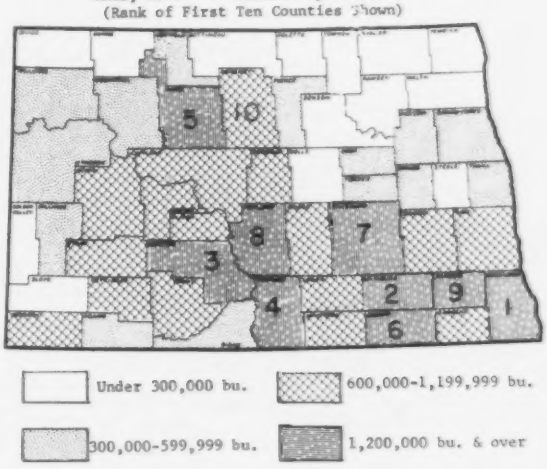
District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	9,800	9,600	47.7	48.7	467,200	7,400	7,300	41.2	41.7	304,600
Divide	8,900	8,800	41.0	41.4	364,700	5,400	4,700	40.1	46.0	216,300
Mountrail	5,900	5,800	51.6	52.5	304,600	4,900	4,900	38.4	38.4	188,300
Renville	12,600	12,500	44.8	45.2	564,800	29,500	29,100	41.4	41.9	1,220,400
Ward	10,600	10,600	59.6	59.6	631,600	31,700	31,200	48.1	48.9	1,524,200
Williams	7,900	7,600	46.0	47.8	363,100	2,000	1,900	31.6	33.3	63,200
Northwest	55,700	54,900	48.4	49.1	2,696,000	80,900	79,100	43.5	44.5	3,517,000
Benson	17,500	17,100	40.1	41.0	701,400	45,600	45,000	40.0	40.5	1,823,400
Bottineau	28,600	27,300	46.1	48.3	1,318,800	65,600	64,600	39.7	40.4	2,606,800
McHenry	11,500	10,900	45.3	47.8	520,900	25,200	24,900	35.5	36.0	895,600
Pierce	13,700	12,300	36.5	40.7	500,600	25,600	25,000	35.2	36.1	901,800
Rolette	16,400	16,100	41.3	42.1	677,300	35,700	35,300	46.6	47.2	1,665,000
North Central	87,700	83,700	42.4	44.4	3,719,000	197,700	194,800	39.9	40.5	7,892,600
Cavalier	39,900	39,400	43.7	44.2	1,742,300	176,000	172,100	44.9	45.9	7,895,900
Grand Forks	10,600	10,500	41.7	42.1	442,400	146,900	144,900	47.8	48.5	7,021,600
Nelson	13,600	13,500	37.4	37.7	509,300	68,700	67,500	37.8	38.5	2,599,900
Pembina	12,800	12,600	45.8	46.5	585,600	89,300	88,300	49.7	50.3	4,439,400
Ramsey	19,600	18,800	39.1	40.8	767,300	97,100	90,300	39.8	42.8	3,860,800
Towner	20,100	18,800	42.8	45.8	860,100	86,000	83,800	41.1	42.2	3,532,700
Walsh	7,500	7,400	41.0	41.6	307,700	121,100	119,700	47.4	47.9	5,734,400
Northeast	124,100	121,000	42.0	43.1	5,214,700	785,100	766,600	44.7	45.8	35,084,700
Dunn	3,900	3,800	47.4	48.7	184,900	6,700	6,600	43.4	44.1	291,100
McKenzie	6,200	6,600	56.4	57.2	377,600	5,800	5,800	45.7	45.7	265,300
McLean	7,900	7,800	48.6	49.2	384,100	7,900	7,800	44.7	45.2	352,900
Mercer	1,700	1,700	40.9	40.9	69,600	3,100	3,000	31.3	32.3	96,900
Oliver	2,200	2,200	55.9	55.9	122,900	4,900	4,800	45.4	46.3	222,300
West Central	22,400	22,100	50.9	51.5	1,139,100	28,400	28,000	43.3	43.9	1,228,500
Eddy	4,600	3,800	37.7	45.6	173,400	10,900	10,500	32.1	33.4	350,200
Foster	2,300	2,300	42.7	42.7	98,300	15,300	15,100	40.3	40.8	615,900
Kidder	2,700	2,700	37.8	37.8	102,000	12,800	12,600	31.6	32.1	404,000
Sheridan	3,500	3,500	48.9	48.9	171,000	10,700	10,500	40.8	41.6	436,700
Stutsman	5,700	5,600	38.9	39.6	221,700	35,000	34,200	44.0	45.1	1,541,100
Wells	20,700	20,500	51.4	51.9	1,063,100	37,700	37,000	41.3	42.1	1,557,200
Central	39,500	38,400	46.3	47.6	1,829,500	122,400	119,900	40.1	40.9	4,905,100
Barnes	16,300	16,100	48.9	49.5	796,900	110,200	108,900	49.6	50.2	5,465,300
Cass	9,900	9,800	56.8	57.4	562,700	181,300	179,200	55.6	56.2	10,077,700
Griggs	4,000	4,000	48.4	48.4	193,500	44,600	44,000	41.4	41.9	1,845,200
Steele	8,600	8,500	44.0	44.5	378,500	90,700	89,700	49.0	49.5	4,444,500
Traill	9,400	9,300	47.3	47.8	444,400	120,000	118,600	59.1	59.8	7,096,000
East Central	48,200	47,700	49.3	49.8	2,376,000	546,800	540,400	52.9	53.5	28,928,700
Adams	4,000	3,800	36.4	38.3	145,400	2,700	2,700	29.8	29.8	80,500
Billings	1,300	1,300	42.2	42.2	54,800	500	500	47.0	47.0	23,500
Bowman	8,700	8,000	29.7	32.3	258,700	2,200	2,200	23.4	23.4	51,500
Golden Valley	6,900	6,800	54.4	55.2	375,600	1,200	1,200	50.5	50.5	60,600
Hettinger	7,800	7,700	37.9	38.4	295,400	3,300	3,300	36.5	36.5	120,300
Slope	4,500	4,200	36.2	38.8	163,100	1,500	1,400	32.7	35.1	49,100
Stark	4,700	4,700	42.3	42.3	198,800	7,000	6,900	34.2	34.7	239,600
Southwest	37,900	36,500	39.4	40.9	1,491,800	18,400	18,200	34.0	34.3	625,100
Burleigh	4,700	4,600	38.4	39.3	180,600	8,700	8,600	35.7	36.1	310,500
Emmons	1,300	1,300	28.2	28.2	36,700	7,700	7,500	37.2	37.7	286,700
Grant	5,400	5,400	33.2	33.2	179,200	5,400	5,300	28.6	29.2	154,700
Morton	6,900	6,600	35.9	37.6	247,900	13,800	13,200	33.7	35.3	465,400
Sioux	1,200	1,200	34.5	34.5	41,400	1,800	1,800	22.9	22.9	41,300
South Central	19,500	19,100	35.2	35.9	685,800	37,400	36,500	33.7	34.5	1,258,600
Dickey	2,800	2,800	48.0	48.0	134,400	49,900	48,600	38.9	39.9	1,939,000
LaMoure	1,700	1,700	47.9	47.9	81,500	32,400	31,900	45.0	45.8	1,459,600
Logan	1,200	1,200	30.7	30.7	36,800	3,700	3,600	33.0	33.9	122,000
McIntosh	1,500	1,500	47.1	47.1	70,700	10,200	10,100	34.1	34.5	348,300
Ransom	2,700	2,700	39.5	39.5	106,600	30,300	29,900	44.8	45.4	1,356,900
Richland	4,700	4,600	40.3	41.2	189,400	64,900	63,900	39.7	40.3	2,574,800
Sargent	3,800	3,500	36.2	39.3	137,700	36,400	35,400	39.0	40.1	1,420,500
Southeast	18,400	18,000	41.1	42.1	757,100	227,800	223,400	40.5	41.3	9,221,100
STATE	453,400	441,400	43.9	45.1	19,909,000	2,044,900	2,006,900	45.3	46.2	92,661,400

1/ See page 34 for irrigated acres.

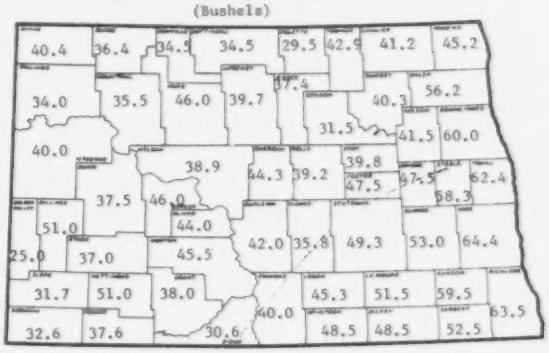
OATS: Acreage, Yield and Production by Counties, 1979 (Preliminary)

District and County	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	6,000	5,000	30.3	36.4	182,000
Divide	9,500	6,800	28.9	40.4	275,000
Mountrail	20,500	15,000	26.0	35.5	532,000
Renville	13,000	12,700	33.7	34.5	438,000
Ward	35,000	32,000	42.1	46.0	1,472,000
Williams	15,000	11,500	26.1	34.0	391,000
Northwest	99,000	83,000	33.2	39.6	3,290,000
Benson	9,900	7,500	23.8	31.5	236,000
Bottineau	9,600	8,000	28.8	34.5	276,000
McHenry	39,500	29,500	29.7	39.7	1,172,000
Pierce	22,000	14,500	24.7	37.4	543,000
Rolette	7,000	6,000	25.3	29.5	177,000
North Central	88,000	65,500	27.3	36.7	2,404,000
Cavalier	3,500	2,600	30.6	41.2	107,000
Grand Forks	8,000	7,000	52.5	60.0	420,000
Nelson	8,500	7,400	36.1	41.5	307,000
Pembina	2,500	2,300	41.6	45.2	104,000
Ramsey	3,000	2,900	39.0	40.3	117,000
Towner	4,700	3,400	31.1	42.9	146,000
Walsh	4,800	3,900	45.6	56.2	219,000
Northeast	35,000	29,500	40.6	48.1	1,420,000
Dunn	35,000	21,000	22.5	37.5	787,000
McKenzie	27,500	13,000	18.9	40.0	520,000
McLean	33,000	27,000	31.8	38.9	1,051,000
Mercer	26,000	18,500	32.7	46.0	851,000
Oliver	23,500	20,500	38.4	44.0	902,000
West Central	145,000	100,000	28.4	41.1	4,111,000
Eddy	13,000	12,000	36.8	39.8	478,000
Foster	8,000	6,500	38.6	47.5	309,000
Kidder	35,000	32,500	33.3	35.8	1,164,000
Sheridan	20,500	15,500	33.5	44.3	686,000
Stutsman	28,500	27,000	46.7	49.3	1,330,000
Wells	13,000	6,500	19.6	39.2	255,000
Central	118,000	100,000	35.8	42.2	4,222,000
Barnes	17,500	17,200	52.1	53.0	912,000
Cass	18,500	18,200	63.4	64.4	1,172,000
Griggs	11,000	10,600	45.8	47.5	504,000
Steele	4,100	4,100	58.3	58.3	239,000
Traill	4,900	4,900	62.4	62.4	306,000
East Central	56,000	55,000	55.9	57.0	3,133,000
Adams	14,500	9,000	23.3	37.6	338,000
Billings	9,900	6,000	30.9	51.0	306,000
Bowman	30,000	20,500	22.3	32.6	668,000
Golden Valley	7,600	4,000	13.2	25.0	100,000
Hettinger	14,000	13,000	47.4	51.0	663,000
Slope	11,000	7,500	21.6	31.7	238,000
Stark	36,000	30,000	30.8	37.0	1,110,000
Southwest	123,000	90,000	27.8	38.0	3,423,000
Burleigh	41,000	31,500	32.3	42.0	1,323,000
Emmons	49,000	37,000	30.2	40.0	1,480,000
Grant	40,000	28,000	26.6	38.0	1,063,000
Morton	52,000	35,000	30.6	45.5	1,593,000
Sioux	18,000	13,500	22.9	30.6	413,000
South Central	200,000	145,000	29.4	40.5	5,872,000
Dickey	28,500	28,200	48.0	48.5	1,368,000
LaMoure	35,000	33,000	48.6	51.5	1,700,000
Logan	28,500	22,300	35.4	45.3	1,010,000
McIntosh	26,500	23,500	43.0	48.5	1,140,000
Ransom	21,500	21,500	59.5	59.5	1,280,000
Richland	28,000	27,500	62.4	63.5	1,747,000
Sargent	18,000	16,000	46.7	52.5	840,000
Southeast	186,000	172,000	48.8	52.8	9,085,000
STATE	1,050,000	840,000	35.2	44.0	36,960,000

OATS, 1979 - Production by Counties
(Rank of First Ten Counties Shown)



OATS, 1979 - Yield per Harvested Acre
(Bushels)



OATS: Acreage, Yield and Production by Counties
1978 (Revised) and 5-Year Average, 1974-78 1/

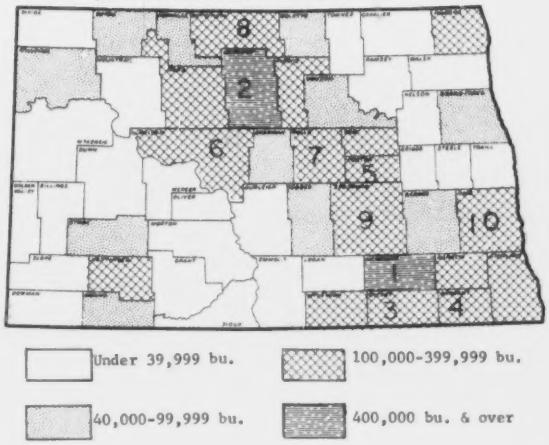
District and County	1978					5-Year Average, 1974-78 1/				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	15,600	14,200	43.8	48.1	683,300	15,400	13,800	38.4	42.9	600,900
Divide	14,200	10,700	46.0	61.1	653,500	13,500	11,700	35.8	41.9	485,200
Mountrail	29,300	25,900	45.8	51.8	1,342,800	26,400	22,600	35.3	40.9	939,200
Renville	20,700	20,200	57.4	58.8	1,188,200	22,400	20,900	41.5	44.2	926,600
Ward	45,900	43,200	55.0	58.4	2,524,000	51,600	47,600	41.5	44.7	2,114,300
Williams	23,800	18,000	43.1	57.1	1,026,900	24,700	20,000	36.2	44.4	875,500
Northwest	149,500	132,200	49.6	56.1	7,418,700	153,900	136,600	38.7	43.6	5,941,700
Benson	14,900	14,100	46.8	49.5	697,800	21,500	18,900	31.9	35.0	642,400
Bottineau	16,200	15,100	43.6	46.7	705,800	31,200	29,800	40.2	42.1	1,234,100
McHenry	54,100	51,200	49.9	52.7	2,699,800	60,400	53,700	31.7	34.7	1,851,100
Pierce	37,100	35,200	43.8	46.2	1,624,600	36,700	33,300	30.1	32.6	1,086,600
Rolette	10,700	10,600	44.2	44.6	472,500	18,200	17,200	34.1	35.7	603,500
North Central	133,000	126,200	46.6	49.1	6,200,500	168,000	153,100	33.3	36.0	5,417,500
Cavalier	5,500	5,200	39.3	41.5	216,000	14,000	13,200	38.6	40.8	544,600
Grand Forks	14,300	13,900	56.9	58.5	813,500	20,400	19,800	48.9	50.3	988,000
Nelson	10,000	9,100	44.0	48.3	439,600	20,600	19,000	34.9	37.8	698,000
Pembina	4,600	4,500	53.5	54.7	246,200	10,600	10,000	47.5	50.0	488,600
Ramsey	6,000	5,800	50.2	51.9	301,300	8,400	7,800	39.6	42.1	325,200
Towner	7,200	6,500	37.9	41.9	272,600	7,400	6,800	33.9	37.1	252,000
Walsh	9,500	8,900	47.2	50.4	448,400	17,900	17,000	43.6	45.9	779,800
Northeast	57,100	53,900	47.9	50.8	2,737,600	99,300	93,500	41.4	43.9	4,076,200
Dunn	35,800	30,700	48.8	56.9	1,745,400	44,200	33,800	31.7	40.2	1,354,800
McKenzie	32,600	23,600	40.7	56.3	1,327,900	29,000	20,600	29.8	41.5	865,200
McLean	47,900	42,500	54.5	61.5	2,612,500	41,800	36,800	37.5	42.0	1,560,900
Mercer	29,800	26,500	44.7	50.3	1,332,300	29,600	23,600	31.3	37.8	904,200
Oliver	27,400	23,800	47.0	54.1	1,287,700	22,000	17,000	31.2	38.8	682,000
West Central	173,500	147,100	47.9	56.5	8,305,800	166,600	131,800	32.7	40.4	5,367,100
Eddy	15,600	14,500	37.0	39.8	576,700	19,900	17,900	29.1	32.1	572,500
Foster	8,600	8,300	46.8	48.5	402,600	13,900	13,000	37.7	39.9	508,500
Kidder	39,400	37,300	47.9	50.6	1,886,300	43,700	35,400	26.2	30.3	1,096,000
Sheridan	25,000	19,600	42.2	53.8	1,054,700	26,500	21,200	29.2	35.9	760,400
Stutsman	40,800	37,700	52.0	56.3	2,121,200	57,900	51,600	39.4	43.5	2,173,600
Wells	18,400	14,600	36.1	45.5	663,800	26,100	21,100	31.1	38.2	780,900
Central	147,800	132,000	45.4	50.8	6,705,300	188,100	160,100	32.6	37.4	5,891,900
Barnes	24,000	23,300	50.7	52.2	1,217,200	40,500	38,600	43.9	46.0	1,744,100
Cass	26,700	25,800	68.9	71.3	1,839,300	30,600	28,600	51.6	54.8	1,612,700
Griggs	11,700	9,100	28.3	36.3	330,600	17,400	16,200	33.7	36.6	591,200
Steele	7,100	6,700	55.4	58.7	393,500	12,200	11,800	47.3	49.1	574,700
Traill	10,800	9,300	53.8	62.5	580,800	13,600	13,000	52.7	55.6	733,000
East Central	80,300	74,200	54.3	58.8	4,361,400	114,300	108,200	46.0	48.8	5,255,800
Adams	18,700	15,000	40.7	50.8	761,500	21,700	16,100	29.5	38.8	629,100
Billings	10,600	8,500	44.0	54.9	466,600	9,900	7,800	32.4	41.1	318,300
Bowman	29,100	23,000	33.1	41.9	964,400	21,100	17,800	30.2	35.5	635,200
Golden Valley	5,500	4,900	54.6	61.3	300,300	13,200	10,600	39.0	47.5	486,100
Hettinger	16,700	16,200	46.2	47.6	771,500	20,500	17,800	34.9	39.5	697,500
Slope	10,000	8,800	41.2	46.8	412,200	11,800	9,400	33.2	40.8	379,400
Stark	53,800	50,200	47.4	50.8	2,548,500	47,200	39,600	34.7	40.6	1,633,600
Southwest	144,400	126,600	43.1	49.2	6,225,000	145,500	119,100	33.3	40.1	4,779,100
Burleigh	46,500	42,800	51.0	55.4	2,370,300	49,900	37,200	28.3	36.5	1,415,800
Emmons	58,000	51,400	49.3	55.7	2,861,800	62,000	46,500	26.7	33.5	1,628,300
Grant	41,400	35,300	35.4	41.5	1,466,300	45,700	36,100	37.0	33.2	1,199,700
Morton	53,800	44,500	47.8	57.8	2,573,800	61,500	46,700	29.9	37.6	1,769,400
Sioux	14,200	13,800	44.3	45.6	628,800	14,100	10,500	25.8	32.6	357,800
South Central	213,900	187,800	46.3	52.7	9,901,000	233,200	177,000	27.9	35.3	6,371,000
Dickey	41,700	41,500	56.6	56.9	2,359,600	43,000	41,200	40.8	42.4	1,766,400
LaMoure	39,500	37,900	56.6	59.0	2,236,700	51,300	45,600	40.2	44.7	2,021,800
Logan	32,100	28,700	43.5	48.6	1,395,100	34,700	30,500	32.6	36.8	1,126,000
McIntosh	37,600	36,000	50.4	52.6	1,894,800	37,800	33,000	30.5	33.8	1,129,000
Ransom	30,300	29,600	60.8	62.3	1,842,700	33,000	29,500	41.8	46.5	1,394,000
Richland	40,200	39,800	69.3	70.0	2,786,500	44,400	42,000	47.5	50.0	2,210,200
Sargent	29,100	26,500	51.9	57.0	1,509,300	35,100	32,700	41.1	44.2	1,450,200
Southeast	250,500	240,000	56.0	58.4	14,024,700	279,300	254,600	39.7	43.3	11,097,700
STATE	1,350,000	1,220,000	48.8	54.0	65,880,000	1,548,000	1,334,000	35.6	40.9	54,198,000

1/ Totals may not add due to rounding.

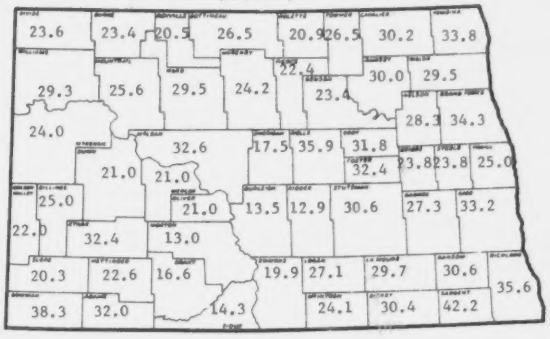
RYE: Acreage, Yield and Production by Counties
1979 (Preliminary)

District and County	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	2,300	2,100	21.3	23.4	49,100
Divide	500	500	23.6	23.6	11,800
Mountrail	1,600	1,400	22.4	25.6	35,800
Renville	4,800	4,200	17.9	20.5	86,000
Ward	7,400	7,100	28.3	29.5	209,100
Williams	2,400	2,200	26.9	29.3	64,500
Northwest	19,000	17,500	24.0	26.1	456,300
Benson	4,000	3,300	19.3	23.4	77,200
Bottineau	9,700	9,000	24.6	26.5	238,400
McHenry	20,500	17,000	20.1	24.2	411,600
Pierce	6,900	5,700	18.5	22.4	127,400
Rolette	4,900	4,500	19.2	20.9	94,000
North Central	46,000	39,500	20.6	24.0	948,600
Cavalier	600	600	30.2	30.2	18,100
Grand Forks	1,800	1,600	30.5	34.3	54,900
Nelson	300	300	28.3	28.3	8,500
Pembina	3,300	3,100	31.7	33.8	104,700
Ramsey	200	200	30.0	30.0	6,000
Towner	700	600	22.7	26.5	15,900
Walsh	700	600	25.3	29.5	17,700
Northeast	7,600	7,000	29.7	32.3	225,800
Dunn	400	400	21.0	21.0	8,400
McKenzie	500	500	24.0	24.0	12,000
McLean	7,900	7,400	30.5	32.6	240,900
Mercer	200	200	21.0	21.0	4,200
Oliver	100	100	21.0	21.0	2,100
West Central	9,100	8,600	29.4	31.1	267,600
Eddy	5,100	4,700	29.3	31.8	149,300
Foster	8,300	7,600	29.6	32.4	246,000
Kidder	6,500	5,400	10.8	12.9	69,900
Sheridan	3,000	2,800	16.4	17.5	49,100
Stutsman	8,600	7,300	26.0	30.6	223,200
Wells	7,500	6,700	32.1	35.9	240,400
Central	39,000	34,500	25.1	28.3	977,900
Barnes	1,800	1,700	25.8	27.3	46,400
Cass	8,400	6,600	26.0	33.2	218,800
Griggs	600	500	19.8	23.8	11,900
Steele	500	400	19.0	23.8	9,500
Traill	200	200	25.0	25.0	5,000
East Central	11,500	9,400	25.4	31.0	291,600
Adams	3,000	2,800	29.9	32.0	89,600
Billings	400	300	18.8	25.0	7,500
Bowman	1,000	900	34.5	38.3	34,500
Golden Valley	200	200	22.0	22.0	4,400
Hettinger	6,100	5,500	20.4	22.6	124,300
Slope	1,200	1,000	16.9	20.3	20,300
Stark	2,600	1,800	22.4	32.4	58,300
Southwest	14,500	12,500	23.4	27.1	338,900
Burleigh	1,900	1,800	12.8	13.5	24,300
Emmons	1,500	1,400	18.5	19.9	27,800
Grant	2,200	2,100	15.9	16.6	34,900
Morton	400	400	13.0	13.0	5,200
Sioux	300	300	14.3	14.3	4,300
South Central	6,300	6,000	15.3	16.1	96,500
Dickey	11,000	9,500	26.3	30.4	289,200
LaMoure	18,500	16,000	25.7	29.7	475,900
Logan	1,600	1,400	23.7	27.1	37,900
McIntosh	5,200	4,700	21.8	24.1	113,100
Ransom	8,000	7,100	27.2	30.6	217,600
Richland	5,600	5,100	32.4	35.6	181,600
Sargent	7,100	6,200	36.8	42.2	261,500
Southeast	57,000	50,000	27.7	31.5	1,576,800
STATE	210,000	185,000	24.7	28.0	5,180,000

RYE, 1979 - Production by Counties
(Rank of First Ten Counties Shown)



RYE, 1979 - Yield per Harvested Acre
(Bushels)



RYE: Acreage, Yield and Production by Counties
1978 (Revised) and 5-Year Average, 1974-78

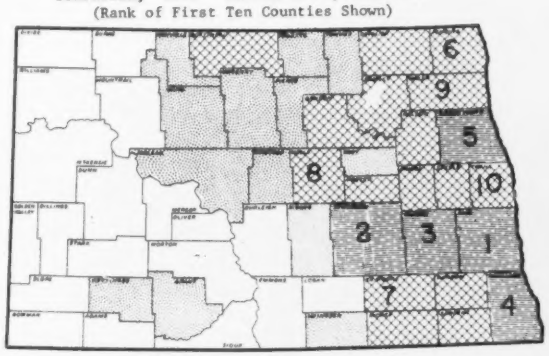
District and County	1978					5-Year Average, 1974-78 1/				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	4,200	3,800	28.3	31.2	118,700	1,900	1,600	19.0	22.7	40,900
Divide	900	800	28.7	32.3	25,800	1,000	800	19.4	22.5	18,900
Mountrail	2,800	2,700	32.4	33.6	90,700	1,500	1,300	20.5	22.9	33,200
Renville	8,100	7,800	26.4	27.5	214,200	3,300	2,900	22.4	25.2	76,300
Ward	6,100	5,900	31.2	32.3	190,600	2,200	2,000	21.2	23.5	55,700
Williams	4,300	3,700	30.7	35.7	132,000	2,800	2,200	20.1	25.0	61,300
Northwest	26,400	24,700	29.2	31.3	772,000	12,600	10,900	20.5	23.8	286,300
Benson	3,000	2,900	26.2	27.1	78,500	2,000	1,800	18.0	20.6	38,000
Bottineau	18,900	17,500	27.2	29.3	513,500	10,000	8,500	21.9	25.7	228,900
McHenry	18,100	16,700	22.6	24.5	408,900	10,100	8,300	18.5	22.7	194,500
Pierce	3,100	2,700	22.4	25.7	69,300	2,400	2,000	18.7	22.0	45,900
Rolette	3,900	3,700	20.8	21.9	81,100	1,500	1,300	21.5	24.6	31,300
North Central	47,000	43,500	24.5	26.5	1,151,300	26,000	22,000	19.7	23.6	538,600
Cavalier	300	300	29.7	29.7	8,900	700	600	24.7	26.6	16,400
Grand Forks	2,100	1,900	26.8	29.6	56,300	2,700	2,300	22.0	25.7	58,600
Nelson	300	300	27.7	27.7	8,300	300	300	24.0	24.0	6,300
Pembina	3,600	3,400	25.2	26.7	90,700	2,700	2,200	23.2	28.2	63,400
Ramsey	1,200	1,200	26.8	26.8	32,100	1,300	1,200	23.8	25.2	30,700
Towner	600	600	21.8	21.8	13,100	400	400	23.7	25.2	9,500
Walsh	200	200	28.0	28.0	5,600	200	200	25.5	25.5	4,400
Northeast	8,300	7,900	25.9	27.2	215,000	8,300	7,100	22.9	26.3	189,200
Dunn	300	300	34.7	34.7	10,400	300	300	20.5	20.5	6,300
McKenzie	300	300	23.7	23.7	7,100	500	400	19.7	21.9	9,400
McLean	8,500	8,200	26.1	27.1	221,900	4,900	4,500	23.5	25.6	117,100
Mercer	100	100	23.0	23.0	2,300	100	100	15.9	18.1	1,800
Oliver	---	---	---	---	---	100	100	18.0	18.0	1,400
West Central	9,200	8,900	26.3	27.2	241,700	5,900	5,400	22.6	24.5	136,100
Eddy	4,700	4,400	22.0	23.5	103,400	2,900	2,500	20.2	23.0	58,300
Foster	7,900	7,600	39.6	41.1	312,700	3,200	3,000	28.3	31.8	106,200
Kidder	6,200	6,000	30.9	31.9	191,500	3,500	3,100	19.3	21.3	72,100
Sheridan	2,100	2,000	28.8	30.3	60,500	1,000	900	21.3	23.2	22,500
Stutsman	14,300	12,600	29.4	33.4	420,900	8,700	7,800	24.4	27.9	222,600
Wells	9,800	9,400	31.5	32.8	308,400	4,600	4,100	24.0	27.5	121,800
Central	45,000	42,000	31.1	33.3	1,397,400	23,800	21,400	23.5	26.5	603,400
Barnes	1,600	1,400	27.9	31.9	44,700	3,000	2,700	25.3	29.0	77,500
Cass	1,700	1,500	26.5	30.1	45,100	1,700	1,500	28.5	33.6	49,800
Griggs	800	800	29.8	29.8	23,800	400	400	25.8	26.9	11,600
Steele	400	400	29.8	29.8	11,900	200	200	33.0	33.0	7,700
Traill	200	200	32.0	32.0	6,400	400	300	27.1	27.8	8,800
East Central	4,700	4,300	28.1	30.7	131,900	5,700	5,200	26.5	30.2	155,500
Adams	1,100	1,000	36.1	39.7	39,700	2,100	1,800	25.4	28.6	49,700
Billings	300	300	24.7	24.7	7,400	200	200	19.6	21.2	4,700
Bowman	1,100	1,000	33.1	36.4	36,400	600	500	21.5	25.5	14,100
Golden Valley	300	300	25.7	25.7	7,700	300	200	20.5	22.9	5,200
Hettinger	4,700	4,500	25.4	26.5	119,200	3,800	3,400	18.8	21.1	76,600
Slope	1,600	1,300	31.1	38.3	49,800	700	600	23.3	27.6	18,500
Stark	1,500	1,400	29.6	31.7	44,400	1,000	900	20.6	23.7	21,600
Southwest	10,600	9,800	28.7	31.1	304,600	8,800	7,700	21.1	24.0	190,600
Burleigh	1,900	1,800	28.9	30.5	54,900	1,400	1,200	19.4	22.5	27,800
Emmons	1,600	1,500	27.9	29.7	44,600	1,500	1,200	17.6	22.0	26,600
Grant	2,200	1,800	20.3	24.8	44,600	2,700	2,200	17.7	21.5	46,500
Morton	1,300	1,200	27.5	29.8	35,700	700	600	16.9	19.8	14,200
Sioux	100	100	20.0	20.0	2,000	100	100	16.8	16.8	1,300
South Central	7,100	6,400	25.6	28.4	181,800	6,400	5,300	18.1	21.7	116,500
Dickey	16,000	14,800	32.4	35.0	517,800	10,600	9,800	30.3	34.3	321,900
LaMoure	23,800	22,900	35.7	37.1	849,000	12,300	11,600	27.8	30.2	366,300
Logan	900	700	20.0	25.7	18,000	1,700	1,500	19.7	23.2	34,000
McIntosh	3,600	3,200	23.8	26.8	85,600	3,800	3,400	17.0	20.1	60,500
Ransom	6,300	5,500	28.7	32.9	181,000	5,800	5,300	25.2	28.5	147,600
Richland	4,200	4,000	27.1	28.5	113,800	3,400	3,100	27.2	30.1	93,000
Sargent	6,900	6,400	28.1	30.3	194,100	5,100	4,600	27.5	31.0	138,800
Southeast	61,700	57,500	31.8	34.1	1,959,300	42,700	39,200	26.7	29.7	1,162,100
STATE	220,000	205,000	28.9	31.0	6,355,000	140,200	124,200	23.2	26.5	3,378,200

1/ Totals may not add due to rounding.

SUNFLOWER, ALL: Acreage, Yield and Production
by Counties, 1979 (Preliminary)

District and County	Acres Planted	Acres Harvested	Yield per Acre		Production
			Plted.	Harv.	
	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)
Burke	15,500	15,000	780	810	12,100
Divide	13,000	13,000	1160	1160	15,075
Mountrail	16,000	16,000	940	940	15,005
Renville	28,000	28,000	1060	1060	29,647
Ward	77,500	74,500	1030	1070	79,632
Williams	20,000	19,500	860	880	17,107
Northwest	170,000	166,000	990	1020	168,566
Benson	113,000	105,500	1170	1250	131,917
Bottineau	102,000	99,500	1020	1050	104,348
McHenry	47,500	47,500	1510	1510	71,847
Pierce	44,500	34,500	1060	1360	46,966
Rolette	30,000	30,000	1410	1410	42,352
North Central	337,000	317,000	1180	1250	397,430
Cavalier	82,500	81,000	1530	1560	126,603
Grand Forks	171,000	170,000	1310	1320	224,567
Nelson	106,000	105,000	1190	1200	125,998
Pembina	131,000	129,000	1490	1510	195,122
Ramsey	113,000	112,000	1320	1330	149,080
Towner	59,500	59,000	1410	1420	83,888
Walsh	121,000	120,000	1300	1310	157,308
Northeast	784,000	776,000	1360	1370	1,062,566
Dunn	9,100	9,100	930	930	8,442
McKenzie	5,500	5,500	1030	1030	5,657
McLean	27,500	27,500	1640	1640	45,201
Mercer	1,900	1,900	1010	1010	1,916
Oliver	1,500	1,500	1010	1010	1,513
West Central	45,500	45,500	1380	1380	62,729
Eddy	63,000	49,000	790	1020	49,905
Foster	101,000	91,500	1110	1230	112,566
Kidder	14,500	14,000	1410	1460	20,470
Sheridan	25,500	25,500	1070	1070	27,257
Stutsman	233,000	232,000	1410	1410	327,523
Wells	144,000	129,000	1230	1370	176,911
Central	581,000	541,000	1230	1320	714,632
Barnes	195,000	195,000	1470	1470	287,087
Cass	294,000	293,000	1490	1490	437,276
Griggs	80,500	80,500	1310	1310	105,527
Steele	92,500	90,500	1570	1600	145,102
Traill	103,000	101,000	1510	1540	155,826
East Central	765,000	760,000	1480	1490	1,130,818
Adams	13,000	13,000	720	720	9,307
Billings	2,600	2,600	900	900	2,333
Bowman	5,400	5,400	850	850	4,574
Golden Valley	1,900	1,900	1140	1140	2,165
Hettinger	51,000	50,500	1100	1110	56,016
Slope	6,200	6,200	1200	1200	7,440
Stark	8,900	8,900	1030	1030	9,154
Southwest	89,000	88,500	1020	1030	90,989
Burleigh	19,000	18,000	860	910	16,336
Emmons	10,500	10,500	1310	1310	13,764
Grant	24,000	23,500	1280	1310	30,806
Morton	3,500	3,500	1320	1320	4,623
Sioux	4,500	4,500	1010	1010	4,538
South Central	61,500	60,000	1140	1170	70,067
Dickey	99,000	99,000	1420	1420	140,760
LaMoure	118,000	118,000	1510	1510	178,484
Logan	10,000	10,000	1010	1010	10,084
McIntosh	27,000	26,500	1070	1090	28,860
Ransom	89,000	88,500	1520	1530	135,648
Richland	198,000	196,000	1400	1410	276,701
Sargent	86,000	86,000	1460	1460	125,746
Southeast	627,000	624,000	1430	1440	896,283
STATE	3,460,000	3,378,000	1330	1360	4,594,080

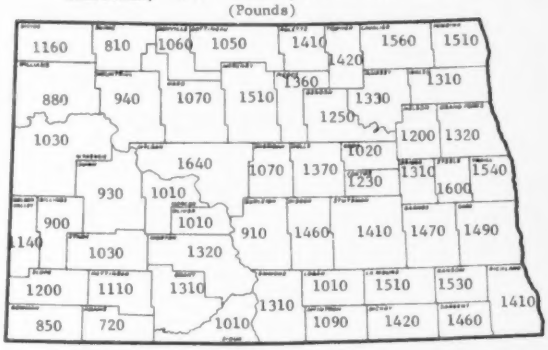
SUNFLOWER, 1979 - Production by Counties
(Rank of First Ten Counties Shown)



Under 20.0 mil. lbs. | 100.0 - 199.9 mil. lbs.

20.0-99.9 mil. lbs. | 200.0 mil. lbs. & over

SUNFLOWER, 1979 - Yield per Harvested Acre
(Pounds)



SUNFLOWER, OIL AND NON-OIL: Acreage, Yield and Production by Counties 1979 (Preliminary)

District and County	Oil					Non-Oil				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)
Burke	15,500	15,000	780	810	12,100	---	---	---	---	---
Divide	13,000	13,000	1160	1160	15,075	---	---	---	---	---
Mountrail	16,000	16,000	940	940	15,005	---	---	---	---	---
Renville	28,000	28,000	1060	1060	29,647	---	---	---	---	---
Ward	77,500	74,500	1030	1070	79,632	---	---	---	---	---
Williams	19,900	19,400	850	870	16,967	100	100	1400	1400	140
Northwest	169,900	165,900	990	1020	168,426	100	100	1400	1400	140
Benson	110,900	103,400	1160	1250	128,791	2,100	2,100	1490	1490	3,126
Bottineau	100,900	98,400	1020	1050	103,194	1,100	1,100	1050	1050	1,154
McHenry	47,300	47,300	1510	1510	71,467	200	200	1900	1900	380
Pierce	44,500	34,500	1060	1360	46,966	---	---	---	---	---
Rolette	30,000	30,000	1410	1410	42,352	---	---	---	---	---
North Central	333,600	313,600	1180	1250	392,770	3,400	3,400	1370	1370	4,660
Cavalier	82,500	81,000	1530	1560	126,603	---	---	---	---	---
Grand Forks	158,500	157,500	1320	1330	209,584	12,500	12,500	1200	1200	14,983
Nelson	103,300	102,300	1190	1200	122,762	2,700	2,700	1560	1560	3,236
Pembina	127,100	125,100	1490	1510	189,045	3,900	3,900	1,560	1,560	6,077
Ramsey	112,200	111,200	1320	1330	148,041	800	800	1300	1300	1,039
Towner	59,500	59,000	1410	1420	83,888	---	---	---	---	---
Walsh	119,900	118,900	1300	1310	155,880	1,100	1,100	1300	1300	1,428
Northeast	763,000	755,000	1360	1370	1,035,803	21,000	21,000	1270	1270	26,763
Dunn	9,100	9,100	930	930	8,442	---	---	---	---	---
McKenzie	5,500	5,500	1030	1030	5,657	---	---	---	---	---
McLean	27,500	27,500	1640	1640	45,201	---	---	---	---	---
Mercer	1,900	1,900	1010	1010	1,916	---	---	---	---	---
Oliver	1,500	1,500	1010	1010	1,513	---	---	---	---	---
West Central	45,500	45,500	1380	1380	62,729	---	---	---	---	---
Eddy	57,500	43,500	780	103	45,015	5,500	5,500	890	890	4,890
Foster	82,000	72,500	1080	122	88,653	19,000	19,000	1260	1260	23,913
Kidder	14,500	14,000	1410	1460	20,470	---	---	---	---	---
Sheridan	25,500	25,500	1070	1070	27,257	---	---	---	---	---
Stutsman	223,000	222,000	1400	1410	312,540	10,000	10,000	1500	1500	14,983
Wells	131,500	117,500	1240	1390	163,127	12,500	11,500	1100	1200	13,784
Central	534,000	495,000	1230	1330	657,062	47,000	46,000	1220	1250	57,570
Barnes	186,400	186,400	1480	1480	276,693	8,600	8,600	1210	1210	10,394
Cass	281,000	280,000	1490	1490	418,447	13,000	13,000	1450	1450	18,829
Griggs	78,400	78,400	1310	1310	103,010	2,100	2,100	1200	1200	2,517
Steele	89,700	87,700	1570	1600	140,627	2,800	2,800	1600	1600	4,475
Traill	86,000	84,500	1530	1550	131,269	17,000	16,500	1440	1490	24,557
East Central	721,500	717,000	1480	1490	1,070,046	43,500	43,000	1400	1410	60,772
Adams	13,000	13,000	720	720	9,307	---	---	---	---	---
Billings	2,600	2,600	900	900	2,333	---	---	---	---	---
Bowman	5,400	5,400	850	850	4,574	---	---	---	---	---
Golden Valley	1,900	1,900	1140	1140	2,165	---	---	---	---	---
Hettinger	51,000	50,500	1100	1110	56,016	---	---	---	---	---
Slope	6,200	6,200	1200	1200	7,440	---	---	---	---	---
Stark	8,900	8,900	1030	1030	9,154	---	---	---	---	---
Southwest	89,000	88,500	1020	1030	90,989	---	---	---	---	---
Burleigh	19,000	18,000	860	910	16,336	---	---	---	---	---
Emmons	10,500	10,500	1310	1310	13,764	---	---	---	---	---
Grant	24,000	23,500	1280	1310	30,806	---	---	---	---	---
Morton	3,500	3,500	1320	1320	4,623	---	---	---	---	---
Sioux	4,500	4,500	1010	1010	4,538	---	---	---	---	---
South Central	61,500	60,000	1140	1170	70,067	---	---	---	---	---
Dickey	89,400	89,400	1440	1440	128,390	9,600	9,600	1290	1290	12,370
LaMoure	111,200	111,200	1510	1510	167,616	6,800	6,800	1600	1600	10,868
Logan	10,000	10,000	1010	1010	10,084	---	---	---	---	---
McIntosh	27,000	26,500	1070	1090	28,860	---	---	---	---	---
Ransom	77,000	77,000	1520	1520	117,384	12,000	11,500	1520	1590	18,264
Richland	192,400	190,400	1400	1420	269,709	5,600	5,600	1250	1250	6,992
Sargent	75,000	75,000	1460	1460	109,265	11,000	11,000	1500	1500	16,481
Southeast	582,000	579,500	1430	1430	831,308	45,000	44,500	1440	1460	64,975
STATE	3,300,000	3,220,000	1330	1360	4,379,200	160,000	158,000	1340	1360	214,880

SUNFLOWER, ALL: Acreage, Yield and Production by Counties
1977 and 1978 (Revised)

District and County	1977					1978				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)
Burke	2,400	2,400	1390	1390	3,345	3,300	3,300	1200	1200	3,968
Divide	4,200	4,100	990	1010	4,141	5,400	5,400	1170	1170	6,301
Mountrail	2,300	2,300	890	890	2,044	9,900	9,700	1380	1400	13,614
Renville	1,000	1,000	1360	1360	1,364	5,200	5,200	1300	1300	6,757
Ward	10,700	10,300	1300	1350	13,940	25,400	25,400	1460	1460	36,967
Williams	4,000	3,900	1360	1390	5,436	15,600	15,600	1030	1030	16,062
Northwest	24,600	24,000	1230	1260	30,270	64,800	64,600	1290	1300	83,669
Benson	33,000	32,500	1010	1020	33,265	58,000	57,500	1300	1320	75,654
Bottineau	46,400	45,300	1340	1370	62,007	61,600	61,400	1200	1210	74,071
McHenry	5,200	5,100	830	850	4,327	19,200	19,200	1350	1350	25,829
Pierce	2,900	2,900	710	710	2,050	4,000	4,000	1240	1240	4,968
Rolette	3,800	3,800	1180	1180	4,491	6,500	6,500	1130	1130	7,373
North Central	91,300	89,600	1160	1180	106,140	149,300	148,600	1260	1260	187,895
Cavalier	11,900	11,500	1080	1120	12,876	25,800	25,800	1400	1400	36,203
Grand Forks	99,700	96,600	1360	1400	135,496	127,900	127,700	1330	1330	170,002
Nelson	28,900	28,200	1190	1220	34,332	50,400	50,400	1250	1250	63,021
Pembina	31,000	29,800	1320	1370	40,919	57,400	57,200	1550	1560	89,195
Ramsey	19,000	18,700	1310	1330	24,800	39,400	38,500	1200	1230	47,430
Towner	8,400	8,300	1140	1150	9,544	9,900	9,900	1300	1300	12,864
Walsh	42,100	41,600	1240	1250	52,061	56,500	56,200	1300	1300	73,171
Northeast	241,000	234,700	1290	1320	310,028	367,300	365,700	1340	1350	491,886
Dunn	1,300	1,300	840	840	1,090	1,500	1,500	1270	1270	1,911
McKenzie	600	600	1210	1210	727	1,500	1,500	1360	1360	2,040
McLean	6,100	6,000	1070	1090	6,545	9,300	9,300	1370	1370	12,751
Mercer	2,900	2,800	780	810	2,262	1,600	1,600	930	930	1,480
Oliver	300	300	1010	1010	303	300	300	950	950	286
West Central	11,200	11,000	980	990	10,927	14,200	14,200	1300	1300	18,468
Eddy	41,500	41,000	1030	1050	42,846	49,100	49,100	1110	1110	54,568
Foster	78,400	77,100	1080	1100	84,935	85,700	85,600	1120	1120	95,963
Kidder	2,300	2,300	1010	1010	2,323	5,400	5,400	1090	1090	5,908
Sheridan	6,200	6,100	800	810	4,929	11,800	11,800	1390	1390	16,376
Stutsman	82,800	80,400	910	940	75,720	133,100	133,000	1200	1200	160,187
Wells	58,700	58,000	1180	1190	69,213	88,800	88,700	1290	1290	114,438
Central	269,900	264,900	1040	1060	279,966	373,900	373,600	1200	1200	447,440
Barnes	110,500	106,700	1180	1220	130,491	128,100	125,500	1340	1370	172,181
Cass	186,000	183,300	1390	1410	258,325	221,500	220,200	1490	1490	329,184
Griggs	28,300	27,700	1160	1190	32,921	52,300	52,100	1240	1250	65,004
Steele	29,900	28,900	1300	1340	38,819	55,700	55,400	1520	1530	84,660
Traill	42,000	40,000	1460	1530	61,289	65,500	65,400	1740	1740	114,042
East Central	396,700	386,600	1320	1350	521,845	523,100	518,600	1460	1480	765,071
Adams	4,600	4,500	940	960	4,318	10,500	10,500	1110	1110	11,699
Billings	---	---	---	---	---	---	---	---	---	---
Bowman	1,500	1,500	810	810	1,212	1,000	1,000	1020	1020	1,019
Golden Valley	100	100	710	710	71	1,300	1,300	1560	1560	2,031
Hettinger	11,200	11,000	800	820	8,999	14,300	14,300	1000	1000	14,369
Slope	500	500	860	860	429	3,500	3,500	1000	1000	3,493
Stark	1,900	1,700	700	790	1,339	1,900	1,900	1250	1250	2,382
Southwest	19,800	19,300	830	850	16,368	32,500	32,500	1080	1080	34,993
Burleigh	1,200	1,200	960	960	1,151	4,500	4,500	1040	1040	4,670
Emmons	1,700	1,700	400	400	687	3,500	3,500	1030	1030	3,609
Grant	4,500	4,400	1130	1150	5,066	10,300	10,300	1020	1020	10,539
Morton	200	100	480	960	96	1,400	1,400	960	960	1,338
Sioux	300	300	510	510	152	500	500	1010	1010	504
South Central	7,900	7,700	910	930	7,152	20,200	20,200	1020	1020	20,660
Dickey	24,300	22,500	1050	1140	25,579	30,500	30,100	1380	1400	42,232
LaMoure	49,700	42,600	1060	1230	52,596	54,700	53,900	1300	1320	71,136
Logan	1,500	1,500	810	810	1,212	1,900	1,900	1200	1200	2,282
McIntosh	5,100	5,000	680	700	3,485	15,800	15,800	1250	1250	19,678
Ransom	52,900	50,400	1250	1310	66,072	64,700	64,300	1370	1380	88,648
Richland	118,800	115,400	1450	1490	171,917	149,700	149,500	1580	1580	236,118
Sargent	45,300	44,800	1210	1220	54,693	57,400	56,500	1210	1230	69,524
Southeast	297,600	282,200	1260	1330	375,554	374,700	372,000	1410	1420	529,618
STATE	1,360,000	1,320,000	1220	1255	1,658,250	1,920,000	1,910,000	1344	1351	2,579,700

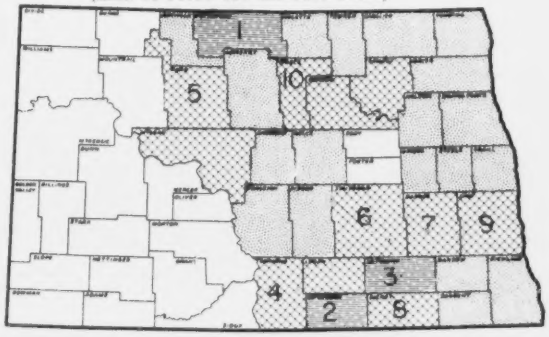
SUNFLOWER, OIL AND NON-OIL: Acreage, Yield and Production by Counties 1978 (Revised)

District and County	Oil					Non-Oil				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)
Burke	3,300	3,300	1200	1200	3,968	---	---	---	---	---
Divide	5,400	5,400	1170	1170	6,301	---	---	---	---	---
Mountrail	9,900	9,700	1380	1400	13,614	---	---	---	---	---
Renville	5,200	5,200	1300	1300	6,757	---	---	---	---	---
Ward	25,400	25,400	1460	1460	36,967	---	---	---	---	---
Williams	15,600	15,600	1030	1030	16,062	---	---	---	---	---
Northwest	64,800	64,600	1290	1300	83,669	---	---	---	---	---
Benson	49,700	49,200	1340	1350	66,462	8,300	8,300	1110	1110	9,192
Bottineau	60,300	60,100	1210	1210	72,697	1,300	1,300	1060	1060	1,374
McHenry	19,200	19,200	1350	1350	25,829	---	---	---	---	---
Pierce	4,000	4,000	1240	1240	4,968	---	---	---	---	---
Rolette	6,300	6,300	1140	1140	7,172	200	200	1010	1010	201
North Central	139,500	138,800	1270	1280	177,128	9,800	9,800	1100	1100	10,767
Cavalier	23,600	23,600	1420	1420	33,545	2,200	2,200	1210	1210	2,658
Grand Forks	109,200	109,100	1340	1340	145,845	18,700	18,600	1290	1300	24,157
Nelson	49,400	49,400	1260	1260	62,014	1,000	1,000	1010	1010	1,007
Pembina	54,300	54,100	1560	1560	84,576	3,100	3,100	1490	1490	4,619
Ramsey	37,000	36,100	1210	1240	44,893	2,400	2,400	1060	1060	2,537
Towner	9,700	9,700	1300	1300	12,643	200	200	1110	1110	221
Walsh	52,900	52,600	1300	1310	68,785	3,600	3,600	1220	1220	4,386
Northeast	336,100	334,600	1350	1350	452,301	31,200	31,100	1270	1270	39,585
Dunn	1,500	1,500	1270	1270	1,911	---	---	---	---	---
McKenzie	1,500	1,500	1360	1360	2,040	---	---	---	---	---
McLean	9,300	9,300	1370	1370	12,751	---	---	---	---	---
Mercer	1,600	1,600	930	930	1,480	---	---	---	---	---
Oliver	300	300	950	950	286	---	---	---	---	---
West Central	14,200	14,200	1300	1300	18,468	---	---	---	---	---
Eddy	37,200	37,200	1080	1080	40,311	11,900	11,900	1200	1200	14,257
Foster	67,200	67,200	1160	1160	77,994	18,500	18,400	970	980	17,969
Kidder	5,400	5,400	1090	1090	5,908	---	---	---	---	---
Sheridan	11,800	11,800	1390	1390	16,376	---	---	---	---	---
Stutsman	120,000	119,900	1220	1220	146,734	13,100	13,100	1030	1030	13,453
Wells	87,000	86,900	1290	1290	112,517	1,800	1,800	1070	1070	1,921
Central	328,600	328,400	1220	1220	399,840	45,300	45,200	1050	1050	47,600
Barnes	122,300	119,900	1360	1380	166,036	5,800	5,600	1060	1100	6,145
Cass	205,600	204,300	1500	1510	308,534	15,900	15,900	1300	1300	20,650
Griggs	49,600	49,400	1240	1250	61,742	2,700	2,700	1210	1210	3,262
Steele	52,500	52,200	1530	1540	80,472	3,200	3,200	1310	1310	4,188
Traill	50,700	50,600	1740	1740	88,264	14,800	14,800	1740	1740	25,778
East Central	480,700	476,400	1470	1480	705,048	42,400	42,200	1420	1420	60,023
Adams	10,500	10,500	1110	1110	11,699	---	---	---	---	---
Billings	---	---	---	---	---	---	---	---	---	---
Bowman	1,000	1,000	1020	1020	1,019	---	---	---	---	---
Golden Valley	1,300	1,300	1560	1560	2,031	---	---	---	---	---
Hettinger	14,300	14,300	1000	1000	14,369	---	---	---	---	---
Slope	3,500	3,500	1000	1000	3,493	---	---	---	---	---
Stark	1,900	1,900	1250	1250	2,382	---	---	---	---	---
Southwest	32,500	32,500	1080	1080	34,993	---	---	---	---	---
Burleigh	4,500	4,500	1040	1040	4,670	---	---	---	---	---
Emmons	3,500	3,500	1030	1030	3,609	---	---	---	---	---
Grant	10,300	10,300	1020	1020	10,539	---	---	---	---	---
Morton	1,400	1,400	960	960	1,338	---	---	---	---	---
Sioux	500	500	1010	1010	504	---	---	---	---	---
South Central	20,200	20,200	1020	1020	20,660	---	---	---	---	---
Dickey	28,900	28,500	1400	1420	40,379	1,600	1,600	1160	1160	1,853
LaMoure	50,700	49,900	1320	1340	66,706	4,000	4,000	1110	1110	4,430
Logan	1,900	1,900	1200	1200	2,282	---	---	---	---	---
McIntosh	15,800	15,800	1250	1250	19,678	---	---	---	---	---
Ransom	43,700	43,400	1330	1330	57,927	21,000	20,900	1460	1470	30,721
Richland	139,200	139,100	1600	1600	222,507	10,500	10,400	1300	1310	13,611
Sargent	43,200	42,700	1220	1230	52,574	14,200	13,800	1190	1230	16,950
Southeast	323,400	321,300	1430	1440	462,053	51,300	50,700	1320	1330	67,565
STATE	1,740,000	1,731,000	1350	1360	2,354,160	180,000	179,000	1250	1260	225,540

FLAXSEED: Acreage, Yield and Production by Counties 1979 (Preliminary)

District and County	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	4,500	4,500	7.4	7.4	33,300
Divide	1,900	1,900	14.4	14.4	27,400
Mountrail	2,200	2,200	9.1	9.1	20,100
Renville	15,500	15,000	9.9	10.2	152,700
Ward	25,500	24,500	10.3	10.8	263,400
Williams	400	400	10.0	10.0	4,000
Northwest	50,000	48,500	10.0	10.3	500,900
Benson	14,000	13,500	14.4	14.9	201,100
Bottineau	45,000	44,000	9.9	10.2	446,900
McHenry	19,500	18,500	9.5	10.1	186,200
Pierce	22,500	22,000	9.7	10.0	219,200
Rolette	8,000	8,000	10.4	10.4	83,000
North Central	109,000	106,000	10.4	10.7	1,136,400
Cavalier	9,400	9,200	14.9	15.2	139,700
Grand Forks	8,900	8,100	14.9	16.4	132,600
Nelson	14,000	13,500	11.7	12.1	163,700
Pembina	6,000	5,200	12.3	14.2	73,800
Ramsey	13,000	12,000	16.8	18.2	218,800
Towner	8,700	8,500	17.0	17.4	147,500
Walsh	11,000	10,000	13.7	15.1	150,800
Northeast	71,000	66,500	14.5	15.4	1,026,900
Dunn	600	600	7.7	7.7	4,600
McKenzie	500	500	9.0	9.0	4,500
McLean	19,500	19,000	11.2	11.5	218,200
Mercer	2,000	2,000	8.2	8.2	16,400
Oliver	2,900	2,900	10.1	10.1	29,200
West Central	25,500	25,000	10.7	10.9	272,900
Eddy	4,400	4,400	9.9	9.9	43,500
Foster	4,600	3,800	9.9	12.0	45,500
Kidder	10,500	10,000	9.5	10.0	99,900
Sheridan	10,000	9,800	9.0	9.2	90,100
Stutsman	17,000	16,500	15.4	15.9	262,000
Wells	14,500	12,500	9.5	11.0	137,300
Central	61,000	57,000	11.1	11.9	678,300
Barnes	17,000	16,500	14.8	15.2	251,300
Cass	12,000	11,500	18.4	19.2	220,300
Griggs	8,300	8,100	11.4	11.7	94,800
Steele	6,100	5,900	15.5	16.0	94,600
Traill	6,100	6,000	15.5	15.7	94,400
East Central	49,500	48,000	15.3	15.7	755,400
Adams	1,500	1,500	8.5	8.5	12,800
Billings	400	400	10.0	10.0	4,000
Bowman	700	700	9.3	9.3	6,500
Golden Valley	100	100	10.0	10.0	1,000
Hettinger	2,500	2,500	11.7	11.7	29,200
Slope	400	400	8.8	8.8	3,500
Stark	400	400	11.0	11.0	4,400
Southwest	6,000	6,000	10.2	10.2	61,400
Burleigh	8,000	7,700	7.9	8.2	63,400
Emmons	24,500	23,000	11.2	11.9	273,500
Grant	2,000	1,900	9.9	10.4	19,800
Morton	1,000	900	12.6	14.0	12,600
Sioux	500	500	10.4	10.4	5,200
South Central	36,000	34,000	10.4	11.0	374,500
Dickey	18,000	17,500	13.1	13.4	235,000
LaMoure	20,500	20,000	15.7	16.1	321,000
Logan	18,500	18,000	11.5	11.8	212,600
McIntosh	42,500	41,500	10.4	10.6	439,900
Ransom	8,100	7,900	16.5	16.9	133,900
Richland	6,500	6,300	15.9	16.4	103,100
Sargent	7,900	7,800	15.5	15.7	122,800
Southeast	122,000	119,000	12.9	13.2	1,568,300
STATE	530,000	510,000	12.0	12.5	6,375,000

FLAXSEED, 1979 - Production by Counties
(Rank of First Ten Counties Shown)



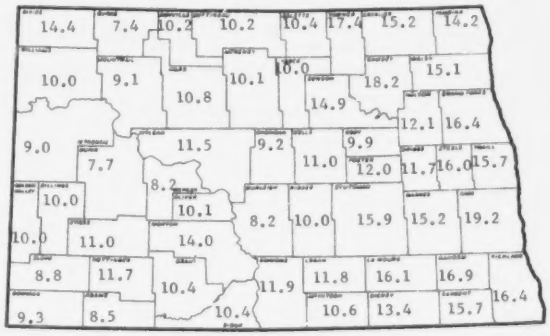
Under 50,000 bu.

200,000-299,999 bu.

50,000-199,999 bu.

300,000 bu. & over

FLAXSEED, 1979 - Yield per Harvested Acre
(Bushels)



June 1980

FLAXSEED: Acreage, Yield and Production by Counties
1978 (Revised) and 5-Year Average, 1974-78

District and County	1978					5-Year Average, 1974-78 1/				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	4,700	4,600	10.1	10.4	47,700	4,500	4,300	9.7	10.4	43,200
Divide	3,600	3,500	12.1	12.5	43,600	2,200	2,100	9.5	10.0	25,300
Mountrail	2,100	2,100	8.0	8.0	16,800	3,800	3,200	7.7	9.1	29,100
Renville	9,600	9,500	11.9	12.1	114,500	15,000	14,500	10.1	10.5	148,600
Ward	24,400	23,100	11.3	12.0	276,100	26,800	24,400	9.3	10.1	246,400
Williams	1,000	1,000	10.8	10.8	10,800	2,700	2,600	8.2	8.7	22,000
Northwest	45,400	43,800	11.2	11.6	509,500	55,000	51,000	9.5	10.1	514,600
Benson	9,500	9,300	11.3	11.6	107,500	21,800	21,500	9.1	9.3	193,300
Bottineau	24,700	23,400	11.7	12.3	288,900	34,200	32,500	9.8	10.3	328,500
McHenry	19,200	18,400	9.7	10.1	185,400	22,500	21,300	8.7	9.2	192,800
Pierce	18,900	18,600	10.3	10.5	194,800	26,600	26,100	8.6	8.8	230,000
Rolette	4,600	4,500	11.2	11.5	51,600	8,200	8,000	10.2	10.5	82,300
North Central	76,900	74,200	10.8	11.2	828,200	113,300	109,400	9.2	9.5	1,026,900
Cavalier	3,800	3,700	12.5	12.8	47,500	5,100	4,700	11.9	12.7	59,900
Grand Forks	7,200	7,100	14.0	14.2	101,000	12,900	12,500	11.0	11.3	137,600
Nelson	12,100	11,500	9.0	9.5	109,100	20,700	19,600	8.0	8.4	165,600
Pembina	3,600	3,500	16.7	17.2	60,200	4,300	4,100	12.6	13.2	53,300
Ramsey	6,000	5,600	12.8	13.7	76,900	12,800	11,600	10.4	11.5	131,000
Towner	7,600	7,000	12.2	13.2	92,700	5,800	5,500	11.8	12.3	69,200
Walsh	6,500	6,400	14.7	14.9	95,400	9,800	8,900	10.9	11.8	102,400
Northeast	46,800	44,800	12.5	13.0	582,800	71,200	66,900	10.2	10.8	718,900
Dunn	200	200	10.0	10.0	2,000	900	700	7.5	8.6	5,800
McKenzie	900	900	9.9	9.9	8,900	1,400	1,200	7.1	7.7	9,300
McLean	14,600	14,100	12.3	12.7	179,700	23,000	21,700	9.0	9.4	190,300
Mercer	1,400	1,400	12.2	12.2	17,100	3,100	2,900	9.4	9.9	27,500
Oliver	5,700	5,600	12.6	12.9	72,000	8,200	7,700	9.2	9.7	76,500
West Central	22,800	22,200	12.3	12.6	279,700	36,500	34,300	8.9	9.4	309,400
Eddy	5,600	5,200	8.6	9.3	48,300	13,000	12,200	7.6	8.1	98,300
Foster	2,700	2,700	11.9	11.9	32,000	10,400	9,200	8.8	9.6	85,300
Kidder	8,300	8,000	10.0	10.4	83,000	12,500	11,600	7.2	7.6	88,800
Sheridan	9,300	9,200	10.5	10.7	98,100	12,600	12,400	8.3	8.4	104,400
Stutsman	12,300	11,800	11.5	12.0	141,100	24,400	23,300	9.3	9.8	222,400
Wells	15,800	15,600	11.3	11.5	178,800	34,200	33,200	8.9	9.2	296,700
Central	54,000	52,500	10.8	11.1	581,300	107,100	101,900	8.6	9.0	895,900
Barnes	13,600	12,400	12.4	13.6	169,000	23,800	22,400	11.1	11.9	259,300
Cass	4,500	4,000	15.4	17.3	69,200	12,400	10,300	10.6	12.4	123,700
Griggs	8,800	8,500	9.6	10.0	84,800	17,100	16,200	9.4	9.8	160,000
Steele	9,400	9,300	12.2	12.3	114,800	18,900	18,300	10.9	11.2	201,900
Traill	5,200	5,100	12.6	12.8	65,500	10,300	9,800	10.3	10.8	102,600
East Central	41,500	39,300	12.1	12.8	503,300	82,400	76,900	10.5	11.2	847,400
Adams	900	800	7.0	7.9	6,300	2,700	2,600	6.2	6.7	16,900
Billings	400	400	8.8	8.8	3,500	700	600	8.6	9.1	5,700
Bowman	900	900	11.8	11.8	10,600	1,900	1,800	8.7	8.8	14,300
Golden Valley	100	100	12.0	12.0	1,200	200	200	10.5	10.5	1,700
Hettinger	1,400	1,400	8.9	8.9	12,500	4,100	3,800	8.4	9.0	33,600
Slope	300	300	10.3	10.3	3,100	1,000	1,000	8.7	8.7	8,000
Stark	500	500	12.0	12.0	6,000	1,100	1,000	9.0	9.4	8,700
Southwest	4,500	4,400	9.6	9.8	43,200	11,500	11,000	7.9	8.3	89,000
Burleigh	7,800	7,700	11.6	11.8	90,600	16,200	15,300	7.7	8.0	121,200
Emmons	23,800	22,700	11.4	12.0	271,400	34,200	32,100	7.5	8.0	251,200
Grant	900	900	8.4	8.4	7,600	2,100	2,000	8.2	8.3	17,700
Morton	1,000	1,000	13.3	13.3	13,300	3,000	2,800	8.5	8.9	22,800
Sioux	100	100	7.0	7.0	700	1,300	1,200	6.5	6.7	7,300
South Central	33,600	32,400	11.4	11.8	383,600	56,700	53,400	7.7	8.1	420,200
Dickey	16,500	15,800	9.3	9.7	153,000	28,000	26,500	8.2	8.7	230,400
LaMoure	8,500	8,100	13.9	14.6	118,500	22,100	21,100	10.2	10.8	221,100
Logan	22,200	21,900	9.9	10.1	220,700	26,400	24,600	8.2	8.8	221,600
McIntosh	38,800	37,900	8.5	8.7	329,500	53,900	52,500	6.7	6.9	361,100
Ransom	3,700	3,600	11.4	11.7	42,000	5,100	4,600	10.0	11.2	51,500
Richland	5,000	4,600	13.7	14.9	68,600	9,800	8,900	10.5	11.6	100,800
Sargent	4,800	4,500	14.8	15.8	71,100	11,200	10,200	10.5	11.4	111,600
Southeast	99,500	96,400	10.1	10.4	1,003,400	156,600	148,500	8.3	8.8	1,298,300
STATE	425,000	410,000	11.1	11.5	4,715,000	690,400	653,200	9.0	9.5	6,120,600

1/ Totals may not add due to rounding.

CORN: Total Acreage Planted and Harvested, Acreage, Yield and Production for Grain and Silage and Acreage Used for Forage, by Counties, 1979 (Preliminary)

District and County	All Corn		Corn for Grain			Corn for Silage			Corn For Forage
	Planted	Harvested	Harvested	Yield per Acre	Production	Harvested	Yield per Acre	Production	
	(Acres)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Acres)	(Ton)	(Ton)	(Acres)
Burke	200	200	---	---	---	200	4.0	800	---
Divide	---	---	---	---	---	---	---	---	---
Mountrail	400	400	---	---	---	400	4.5	1,800	---
Renville	1,000	1,000	---	---	---	1,000	4.4	4,400	---
Ward	2,400	2,400	400	30.0	12,000	2,000	4.2	8,400	---
Williams	1,000	1,000	300	55.0	16,500	700	5.6	3,900	---
Northwest	5,000	5,000	700	40.7	28,500	4,300	4.5	19,300	---
Benson	3,500	3,300	1,200	80.0	96,000	1,900	6.5	12,400	200
Bottineau	600	500	---	---	---	500	6.0	3,000	---
McHenry	8,500	7,700	900	50.0	45,000	6,600	5.2	34,300	200
Pierce	3,000	3,000	200	25.0	5,000	2,800	5.3	14,800	---
Rolette	200	200	--	---	---	200	5.0	1,000	---
North Central	15,800	14,700	2,300	63.5	146,000	12,000	5.5	65,500	400
Cavalier	400	400	---	---	---	400	4.5	1,800	---
Grand Forks	11,500	11,500	6,000	75.0	450,000	5,400	8.8	47,500	100
Nelson	2,000	2,000	1,000	78.0	78,000	1,000	5.5	5,500	---
Pembina	3,500	3,500	1,000	75.0	75,000	2,500	4.5	11,300	---
Ramsey	500	500	---	---	---	500	6.0	3,000	---
Towner	300	300	200	60.0	12,000	100	6.0	600	---
Walsh	4,000	4,000	800	60.0	48,000	3,100	10.0	31,000	100
Northeast	22,200	22,200	9,000	73.7	663,000	13,000	7.7	100,700	200
Dunn	15,000	14,000	---	---	---	13,000	4.7	61,100	1,000
McKenzie	2,500	2,400	---	---	---	2,400	10.8	25,900	---
McLean	4,000	3,900	400	100.0	40,000	3,100	13.2	40,900	400
Mercer	8,000	8,000	200	40.0	8,000	7,500	5.5	41,300	300
Oliver	10,000	9,500	200	50.0	10,000	8,000	6.0	48,000	1,300
West Central	39,500	37,800	800	72.5	58,000	34,000	6.4	217,200	3,000
Eddy	5,000	5,000	100	100.0	10,000	4,900	7.0	34,300	---
Foster	6,000	4,500	600	125.0	75,000	3,900	7.3	28,500	---
Kidder	11,000	11,000	3,500	103.0	360,500	6,500	6.6	42,900	1,000
Sheridan	1,500	1,500	---	---	---	900	5.8	5,200	600
Stutsman	13,000	12,700	4,100	60.0	246,000	8,600	9.0	77,400	---
Wells	7,000	5,900	1,400	40.7	57,000	4,400	7.9	34,800	100
Central	43,500	40,600	9,700	77.2	748,500	29,200	7.6	223,100	1,700
Barnes	12,500	12,500	5,700	60.0	342,000	6,800	7.3	49,600	---
Cass	49,000	49,000	41,000	72.0	2,952,000	8,000	11.7	93,600	---
Griggs	3,000	3,000	300	120.0	36,000	2,700	11.0	29,700	---
Steele	2,500	2,500	1,500	80.0	120,000	1,000	11.4	11,400	---
Traill	2,000	2,000	1,500	90.0	135,000	500	13.0	6,500	---
East Central	69,000	69,000	50,000	71.7	3,585,000	19,000	10.0	190,800	---
Adams	7,500	7,400	---	---	---	7,100	4.5	32,000	300
Billings	1,000	1,000	---	---	---	500	4.0	2,000	500
Bowman	2,500	2,500	---	---	---	1,900	5.0	9,500	600
Golden Valley	2,500	2,500	400	120.0	48,000	1,400	6.0	8,400	700
Hettinger	1,500	1,200	---	---	---	1,000	4.4	4,400	200
Slope	2,000	2,000	---	---	---	2,000	3.6	7,200	---
Stark	8,000	7,900	---	---	---	6,100	3.7	22,600	1,800
Southwest	25,000	24,500	400	120.0	48,000	20,000	4.3	86,100	4,100
Burleigh	18,000	17,800	1,000	90.0	90,000	16,000	8.4	134,000	800
Emmons	24,000	23,500	1,800	73.9	133,000	20,300	4.8	97,400	1,400
Grant	17,000	17,000	1,800	55.0	99,000	14,000	4.7	65,800	1,200
Morton	23,000	22,700	1,900	30.0	57,000	20,500	5.5	112,800	300
Sioux	3,000	3,000	---	---	---	2,700	4.5	12,200	300
South Central	85,000	84,000	6,500	58.3	379,000	73,500	5.7	422,200	4,000
Dickey	45,500	45,400	28,500	77.0	2,194,500	16,500	6.6	108,900	400
LaMoure	21,000	21,000	5,900	84.0	495,500	14,800	9.2	136,200	300
Logan	7,500	7,500	1,000	80.0	80,000	6,000	6.0	36,000	500
McIntosh	9,000	7,500	700	70.0	49,000	6,600	5.7	37,600	200
Ransom	50,000	49,500	41,500	77.0	3,195,500	8,000	8.4	67,200	---
Richland	116,000	115,300	104,000	79.0	8,216,000	11,100	7.7	85,300	200
Sargent	36,000	36,000	29,000	74.3	2,153,500	7,000	6.7	46,900	---
Southeast	285,000	282,200	210,600	77.8	16,384,000	70,000	7.4	518,100	1,600
STATE	590,000	580,000	290,000	76.0	22,040,000	275,000	6.7	1,843,000	15,000

CORN: Total Acreage Planted and Harvested, Acreage, Yield and Production for Grain and Silage and Acreage Used for Forage, by Counties, 1978 (Revised)

District and County	All Corn		Corn for Grain			Corn for Silage			Corn For Forage
	Planted	Harvested	Harvested	Yield per Acre	Production	Harvested	Yield per Acre	Production	
	(Acres)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Acres)	(Ton)	(Ton)	(Acres)
Burke	400	400	---	---	---	400	5.0	2,000	---
Divide	200	200	---	---	---	200	18.0	3,600	---
Mountrail	500	500	---	---	---	500	5.0	2,500	---
Renville	900	900	200	25.0	5,000	700	7.1	5,000	---
Ward	2,500	2,500	900	27.0	24,300	1,600	6.2	9,900	---
Williams	1,200	1,200	100	26.0	2,600	1,100	9.0	9,900	---
Northwest	5,700	5,700	1,200	26.6	31,900	4,500	7.3	32,900	---
Benson	3,300	3,300	1,200	90.0	108,000	1,800	6.5	11,700	300
Bottineau	600	500	---	---	---	400	8.5	3,400	100
McHenry	8,300	8,000	800	75.0	60,000	7,200	5.2	37,400	---
Pierce	3,500	3,500	300	26.0	7,800	3,200	5.0	16,000	---
Rolette	500	500	200	27.0	5,400	300	5.0	1,500	---
North Central	16,200	15,800	2,500	72.5	181,200	12,900	5.4	70,000	400
Cavalier	500	500	100	30.0	3,000	400	4.0	1,600	---
Grand Forks	11,200	11,200	4,100	55.0	225,500	6,400	9.2	58,900	700
Nelson	2,000	2,000	200	90.0	18,000	1,500	7.1	10,700	300
Pembina	3,100	3,100	1,300	65.0	84,500	1,800	4.8	8,600	---
Ramsey	1,800	1,700	---	---	---	1,700	5.5	9,400	---
Towner	300	300	---	---	---	300	7.7	2,300	---
Walsh	3,400	3,400	900	58.0	52,200	2,500	6.5	16,300	---
Northeast	22,300	22,200	6,600	58.1	383,200	14,600	7.4	107,800	1,000
Dunn	19,500	19,400	100	50.0	5,000	18,400	4.4	81,000	900
McKenzie	2,900	2,900	100	120.0	12,000	2,500	12.5	31,300	300
McLean	4,700	4,700	400	100.0	40,000	4,200	10.6	44,500	100
Mercer	11,000	10,800	400	35.0	14,000	8,800	5.7	50,200	1,600
Oliver	9,200	9,000	---	---	---	7,600	8.1	61,600	1,400
West Central	47,300	46,800	1,000	71.0	71,000	41,500	6.5	268,600	4,300
Eddy	4,700	4,700	100	97.0	9,700	4,600	4.7	21,600	---
Foster	7,700	7,700	600	75.0	45,000	7,100	8.0	56,800	---
Kidder	12,900	12,900	3,000	93.0	279,000	9,400	5.3	49,800	500
Sheridan	2,100	1,800	100	70.0	7,000	1,400	9.1	12,700	300
Stutsman	11,200	11,100	900	80.0	72,000	10,000	6.0	60,000	200
Wells	9,300	9,200	1,200	53.0	63,600	7,900	6.8	53,700	100
Central	47,900	47,400	5,900	80.7	476,300	40,400	6.3	254,600	1,100
Barnes	11,300	10,900	5,100	74.0	377,400	5,600	7.5	42,000	200
Cass	39,000	38,800	28,600	80.9	2,314,800	9,800	9.8	96,000	400
Griggs	3,200	3,200	100	110.0	11,000	3,100	8.0	24,800	---
Steele	2,200	2,200	100	120.0	12,000	2,100	7.6	16,000	---
Traill	2,500	2,500	200	80.0	16,000	2,300	9.2	21,200	---
East Central	58,200	57,600	34,100	80.1	2,731,200	22,900	8.7	200,000	600
Adams	10,300	10,200	---	---	---	9,500	5.0	47,500	700
Billings	1,300	1,300	---	---	---	1,300	5.3	6,900	---
Bowman	3,500	3,500	---	---	---	3,400	5.5	18,700	100
Golden Valley	3,100	3,100	400	120.0	48,000	1,700	7.3	12,400	1,000
Hettinger	2,400	2,400	---	---	---	2,300	5.2	12,000	100
Slope	2,700	2,500	---	---	---	2,400	5.5	13,200	100
Stark	10,700	10,600	---	---	---	10,100	5.0	50,500	500
Southwest	34,000	33,600	400	120.0	48,000	30,700	5.3	161,200	2,500
Burleigh	16,100	14,800	1,100	90.0	99,000	12,400	6.5	80,600	1,300
Emmons	24,700	24,300	2,100	63.0	132,300	21,000	6.8	142,800	1,200
Grant	18,300	18,200	2,500	36.0	90,000	14,200	4.3	61,100	1,500
Morton	25,300	24,900	1,900	41.0	77,900	19,500	7.0	136,500	3,500
Sioux	4,100	4,000	100	33.0	3,300	3,800	4.5	17,100	100
South Central	88,500	86,200	7,700	52.3	402,500	70,900	6.2	438,100	7,600
Dickey	41,600	41,100	28,300	77.6	2,197,000	12,300	5.9	72,600	500
LaMoure	21,900	21,700	4,300	110.0	473,000	17,400	6.5	113,100	---
Logan	7,100	6,800	---	---	---	6,300	6.6	41,600	500
McIntosh	9,500	9,400	400	47.0	18,800	9,000	7.5	67,500	---
Ransom	46,700	46,200	35,800	79.0	2,828,200	10,400	7.6	79,000	---
Richland	115,400	115,200	97,400	83.9	8,171,900	17,400	10.7	186,200	400
Sargent	37,700	37,300	27,400	72.0	1,972,800	9,800	5.9	57,800	100
Southeast	279,900	277,700	193,600	80.9	15,661,700	82,600	7.5	617,800	1,500
STATE	600,000	593,000	253,000	79.0	19,987,000	321,000	6.7	2,151,000	19,000

HAY: Acreage, Yield and Production of Alfalfa, All Other and All Hay by Counties, 1979 (Preliminary)

District and County	Alfalfa Hay			All Other Hay			All Hay		
	Acres Harvested	Harv. Yield	Production	Acres Harvested	Harv. Yield	Production	Acres Harvested	Harv. Yield	Production
	(Acres)	(Tons)	(Tons)	(Acres)	(Tons)	(Tons)	(Acres)	(Tons)	(Tons)
Burke	15,000	1.45	21,800	17,500	1.25	22,200	32,500	1.35	44,000
Divide	25,500	1.90	49,000	14,500	1.25	18,400	40,000	1.70	67,400
Mountrail	45,000	1.55	70,000	54,500	1.40	77,400	99,500	1.50	147,400
Renville	12,000	1.65	19,900	9,000	1.55	14,100	21,000	1.60	34,000
Ward	47,000	1.80	85,300	43,000	1.55	67,600	90,000	1.70	152,900
Williams	40,500	1.75	71,400	20,500	1.20	24,900	61,000	1.60	96,300
Northwest	185,000	1.70	317,400	159,000	1.40	224,600	344,000	1.60	542,000
Benson	26,000	2.55	66,600	34,500	1.55	54,200	60,500	2.00	120,800
Bottineau	26,000	1.70	44,200	42,500	1.40	60,300	68,500	1.55	104,500
McHenry	74,000	1.85	138,200	120,000	1.40	170,300	194,000	1.60	308,500
Pierce	28,000	2.05	56,700	45,500	1.15	53,100	73,500	1.50	109,800
Rolette	25,000	2.25	55,800	25,500	1.35	34,900	50,500	1.80	90,700
North Central	179,000	2.00	361,500	268,000	1.40	372,800	447,000	1.65	734,300
Cavalier	6,100	2.20	13,500	13,500	1.65	22,600	19,600	1.85	36,100
Grand Forks	16,000	2.30	36,500	5,700	1.70	9,800	21,700	2.15	46,300
Nelson	14,000	1.65	23,200	22,500	1.30	29,700	36,500	1.45	52,900
Pembina	11,000	2.25	24,500	6,800	1.30	9,000	17,800	1.90	33,500
Ramsey	5,300	1.80	9,600	12,500	1.70	21,500	17,800	1.75	31,100
Towner	3,600	2.15	7,800	11,000	1.60	17,800	14,600	1.75	25,600
Walsh	12,000	2.50	29,900	21,000	1.55	33,000	33,000	1.90	62,900
Northeast	68,000	2.15	145,000	93,000	1.55	143,400	161,000	1.80	288,400
Dunn	92,500	1.35	124,800	39,000	1.20	47,400	131,500	1.30	172,200
McKenzie	57,000	1.75	100,600	38,500	1.10	42,900	95,500	1.50	143,500
McLean	37,000	2.40	88,700	54,500	1.65	91,200	91,500	1.95	179,900
Mercer	42,500	1.50	63,900	22,500	1.10	25,100	65,000	1.35	89,000
Oliver	41,000	1.95	80,800	20,500	1.25	26,000	61,500	1.75	106,800
West Central	270,000	1.70	458,800	175,000	1.35	232,600	445,000	1.55	691,400
Eddy	37,500	1.80	68,100	20,000	1.30	26,400	57,500	1.65	94,500
Foster	25,000	2.00	50,100	9,500	1.35	13,000	34,500	1.85	63,100
Kidder	128,000	1.40	179,300	68,000	1.10	75,800	196,000	1.30	255,100
Sheridan	14,000	1.85	26,200	29,000	1.50	44,100	43,000	1.65	70,300
Stutsman	80,500	2.20	175,400	42,000	1.45	61,700	122,500	1.95	237,100
Wells	14,000	1.90	26,900	34,500	1.30	45,500	48,500	1.50	72,400
Central	299,000	1.75	526,000	203,000	1.30	266,500	502,000	1.60	792,500
Barnes	27,500	2.85	78,500	22,000	1.45	32,300	49,500	2.25	110,800
Cass	23,000	2.95	68,000	6,800	1.50	10,300	29,800	2.65	78,300
Griggs	25,000	2.30	57,100	15,000	1.60	24,300	40,000	2.05	81,400
Steele	7,000	3.45	24,000	6,200	1.50	9,400	13,200	2.55	33,400
Traill	9,500	3.80	36,000	4,000	1.60	6,300	13,500	3.15	42,300
East Central	92,000	2.85	263,600	54,000	1.55	82,600	146,000	2.35	346,200
Adams	46,000	1.20	54,900	21,500	.95	20,700	67,500	1.10	75,600
Billings	22,000	1.20	26,300	15,500	.80	12,600	37,500	1.05	38,900
Bowman	48,000	1.15	54,800	15,500	.90	14,100	63,500	1.10	68,900
Golden Valley	19,000	1.50	28,600	12,500	.85	10,800	31,500	1.25	39,400
Hettinger	45,000	1.45	65,400	10,500	1.25	13,300	55,500	1.40	78,700
Slope	30,000	1.25	37,400	12,500	.65	8,200	42,500	1.05	45,600
Stark	72,000	1.40	100,900	32,000	.90	29,200	104,000	1.25	130,100
Southwest	282,000	1.30	368,300	120,000	.90	108,900	402,000	1.20	477,200
Burleigh	83,000	1.95	163,600	52,000	1.10	58,000	135,000	1.65	221,600
Emmons	70,000	2.00	141,600	55,000	1.20	66,900	125,000	1.65	208,500
Grant	96,500	1.65	160,200	36,000	1.15	42,000	132,500	1.55	202,200
Morton	108,000	1.80	196,100	61,000	1.25	77,300	169,000	1.60	273,400
Sioux	48,500	1.35	65,400	14,000	1.00	14,200	62,500	1.25	79,600
South Central	406,000	1.80	726,900	218,000	1.20	258,400	624,000	1.60	985,300
Dickey	66,000	2.10	137,000	25,000	1.25	31,700	91,000	1.85	168,700
LaMoure	39,000	2.35	91,100	20,000	1.30	26,400	59,000	2.00	117,500
Logan	58,000	1.75	102,300	58,500	1.15	68,200	116,500	1.45	170,500
McIntosh	47,500	2.15	101,000	38,500	1.35	52,700	86,000	1.80	153,700
Ransom	27,500	3.05	84,200	24,500	1.05	26,100	52,000	2.10	110,300
Richland	25,500	3.10	79,400	23,000	1.25	29,100	48,500	2.25	108,500
Sargent	25,500	2.65	67,500	20,500	1.25	26,000	46,000	2.05	93,500
Southeast	289,000	2.30	662,500	210,000	1.25	260,200	499,000	1.85	922,700
State	2,070,000	1.85	3,830,000	1,500,000	1.30	1,950,000	3,570,000	1.60	5,780,000

HAY: Acreage, Yield and Production of Alfalfa, All Other and All Hay by Counties, 1978 (Revised)

District and County	Alfalfa Hay			All Other Hay			All Hay		
	Acres Harvested	Harv. Yield	Production	Acres Harvested	Harv. Yield	Production	Acres Harvested	Harv. Yield	Production
	(Acres)	(Tons)	(Tons)	(Acres)	(Tons)	(Tons)	(Acres)	(Tons)	(Tons)
Burke	13,300	1.83	24,400	16,700	1.53	25,500	30,000	1.66	49,900
Divide	22,300	1.90	42,300	16,400	1.27	20,900	38,700	1.63	63,200
Mountrail	35,200	1.99	69,900	40,300	1.57	63,200	75,500	1.76	133,100
Renville	11,000	1.65	18,200	8,300	1.49	12,400	19,300	1.59	30,600
Ward	41,500	1.89	78,300	38,200	1.67	63,700	79,700	1.78	142,000
Williams	33,000	2.12	70,100	26,100	1.70	44,300	59,100	1.94	114,400
Northwest	156,300	1.94	303,200	146,000	1.58	230,000	302,300	1.76	533,200
Benson	28,200	1.71	48,200	36,900	1.61	59,300	65,100	1.65	107,500
Bottineau	20,600	1.95	40,100	43,100	1.59	68,400	63,700	1.70	108,500
McHenry	70,000	1.87	130,600	124,900	1.47	183,300	194,900	1.61	313,900
Pierce	26,000	1.91	49,600	46,500	1.29	59,800	72,500	1.51	109,400
Rolette	23,500	2.35	55,200	23,700	1.72	40,700	47,200	2.03	95,900
North Central	168,300	1.92	323,700	275,100	1.50	411,500	443,400	1.66	735,200
Cavalier	7,100	1.92	13,600	17,700	1.47	26,100	24,800	1.60	39,700
Grand Forks	14,300	2.36	33,800	4,500	1.20	5,400	18,800	2.09	39,200
Nelson	13,900	1.86	25,800	23,500	1.23	29,000	37,400	1.47	54,800
Pembina	10,600	2.28	24,200	7,800	1.12	8,700	18,400	1.79	32,900
Ramsey	4,000	2.75	11,000	13,400	1.90	25,400	17,400	2.09	36,400
Towner	4,000	2.03	8,100	12,900	1.65	21,300	16,900	1.74	29,400
Walsh	12,600	2.29	28,800	20,600	1.63	33,600	33,200	1.88	62,400
Northeast	66,500	2.18	145,300	100,400	1.49	149,500	166,900	1.77	294,800
Dunn	84,300	2.05	173,100	37,700	1.51	56,900	122,000	1.89	230,000
McKenzie	60,300	2.06	124,400	48,900	1.48	72,200	109,200	1.80	196,600
McLean	39,400	2.44	96,100	51,600	1.80	92,900	91,000	2.08	189,000
Mercer	47,000	1.74	81,700	14,600	1.50	21,900	61,600	1.68	103,600
Oliver	38,400	2.29	88,000	23,100	1.59	36,700	61,500	2.03	124,700
West Central	269,400	2.09	563,300	175,900	1.60	280,600	445,300	1.90	843,900
Eddy	36,200	1.40	50,700	22,300	.93	20,800	58,500	1.22	71,500
Foster	25,700	2.07	53,300	11,000	1.39	15,300	36,700	1.87	68,600
Kidder	112,900	1.62	182,900	67,900	1.34	90,700	180,800	1.51	273,600
Sheridan	15,200	2.51	38,100	31,200	1.96	61,100	46,400	2.14	99,200
Stutsman	79,700	2.13	170,000	50,500	1.65	83,200	130,200	1.94	253,200
Wells	10,900	2.31	25,200	35,500	1.94	68,800	46,400	2.03	94,000
Central	280,600	1.85	520,200	218,400	1.56	339,900	499,000	1.72	860,100
Barnes	27,300	2.64	72,000	19,800	1.68	33,300	47,100	2.24	105,300
Cass	23,500	2.91	68,400	8,200	1.71	14,000	31,700	2.60	82,400
Griggs	20,100	2.15	43,300	15,800	1.59	25,100	35,900	1.91	68,400
Steele	7,000	2.76	19,300	6,400	1.47	9,400	13,400	2.14	28,700
Traill	10,800	2.96	32,000	5,000	1.48	7,400	15,800	2.49	39,400
East Central	88,700	2.65	235,000	55,200	1.62	89,200	143,900	2.25	324,200
Adams	47,000	2.19	103,000	18,300	1.56	28,500	65,300	2.01	131,500
Billings	23,600	1.95	46,100	17,800	1.46	25,900	41,400	1.74	72,000
Bowman	54,100	1.85	99,900	21,400	1.14	24,500	75,500	1.65	124,400
Golden Valley	20,400	2.14	43,700	15,200	1.47	22,400	35,600	1.86	66,100
Hettinger	44,200	2.24	99,000	13,200	1.67	22,100	57,400	2.11	121,100
Slope	30,200	1.59	48,000	10,900	1.18	12,900	41,100	1.48	60,900
Stark	65,900	1.93	126,900	32,800	1.44	47,100	98,700	1.76	174,000
Southwest	285,400	1.99	566,600	129,600	1.42	183,400	415,000	1.81	750,000
Burleigh	82,600	2.11	174,600	47,900	1.27	60,700	130,500	1.80	235,300
Emmons	64,800	2.07	134,400	53,800	1.22	65,900	118,600	1.69	200,300
Grant	86,500	2.03	176,000	32,500	1.84	59,800	119,000	1.98	235,800
Morton	98,300	2.12	208,700	57,400	1.88	107,800	155,700	2.03	316,500
Sioux	43,100	1.94	83,400	16,300	1.45	23,600	59,400	1.80	107,000
South Central	375,300	2.07	777,100	207,900	1.53	317,800	583,200	1.88	1,094,900
Dickey	67,800	2.33	158,000	23,300	1.51	35,200	91,100	2.12	193,200
LaMoure	38,200	2.69	102,600	22,800	1.36	31,000	61,000	2.19	133,600
Logan	49,400	1.98	97,600	50,400	1.12	56,200	99,800	1.54	153,800
McIntosh	49,400	2.52	124,400	49,300	1.48	72,900	98,700	2.00	197,300
Ransom	29,700	2.85	84,700	23,900	1.18	28,100	53,600	2.10	112,800
Richland	26,500	3.10	82,200	23,300	1.39	32,400	49,800	2.30	114,600
Sargent	28,500	2.60	74,100	28,500	1.31	37,300	57,000	1.95	111,400
Southeast	289,500	2.50	723,600	221,500	1.32	293,100	511,000	1.99	1,016,700
STATE	1,980,000	2.10	4,158,000	1,530,000	1.50	2,295,000	3,510,000	1.84	6,453,000

SOYBEANS, SUGAR BEETS, DRY BEANS

ACREAGE, YIELD AND PRODUCTION BY COUNTIES,
1978 (Revised), 1979 (Preliminary)

County	1978					1979				
	Acres Planted	Acres Harvested	Yield per Acre		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
SOYBEANS										
Grand Forks	3,000	3,000	20.3	20.3	60,800	7,500	7,300	21.9	22.5	164,000
Walsh	800	800	17.8	17.8	14,200	2,300	2,300	27.4	27.4	63,000
Barnes	--	--	--	--	--	1,600	1,600	25.0	25.0	40,000
Cass	66,400	65,900	29.7	29.9	1,973,300	76,000	74,500	28.7	29.2	2,179,000
Griggs	--	--	--	--	--	700	700	24.3	24.3	17,000
Steele	2,300	2,300	20.3	20.3	46,800	3,400	3,400	26.8	26.8	91,000
Traill	16,600	16,500	25.9	26.1	430,200	18,500	18,000	25.3	26.0	468,000
LaMoure	--	--	--	--	--	1,100	1,100	30.0	30.0	33,000
Ransom	5,800	5,700	17.0	17.3	98,700	5,700	5,600	24.9	25.4	142,000
Richland	76,900	75,800	27.0	27.4	2,076,700	86,500	85,000	25.5	26.0	2,207,000
Sargent	1,500	1,400	21.9	23.5	32,900	5,400	5,300	25.9	26.4	140,000
Other Counties	1,700	1,600	14.4	15.3	24,400	1,300	1,200	13.8	15.0	18,000
STATE	175,000	173,000	27.2	27.5	4,758,000	210,000	206,000	26.5	27.0	5,562,000
SUGAR BEETS										
	(Acres)	(Acres)	(Tons)	(Tons)	(Tons)	(Acres)	(Acres)	(Tons)	(Tons)	(Tons)
Williams	3,100	3,100	21.9	21.9	67,800	3,000	3,000	20.3	20.3	60,900
Grand Forks	13,500	13,400	18.7	18.9	253,100	12,300	12,000	13.8	14.1	169,600
Pembina	27,500	27,500	18.9	18.9	519,900	26,000	25,700	16.0	16.1	415,000
Walsh	29,800	29,700	20.0	20.0	595,200	25,300	24,700	15.6	15.9	393,500
McKenzie	6,200	6,200	23.9	23.9	148,100	6,000	6,000	20.8	20.8	124,500
Cass	21,100	21,100	20.1	20.1	423,500	20,200	20,000	15.5	15.6	312,300
Traill	29,100	29,000	20.2	20.2	586,900	26,800	26,300	16.1	16.4	430,700
Richland	25,600	24,900	17.7	18.2	452,400	25,300	25,000	15.4	15.6	390,000
Other Counties	300	300	23.7	23.7	7,100	400	400	18.8	18.8	7,500
STATE	156,200	155,200	19.6	19.7	3,054,000	145,300	143,100	15.9	16.1	2,304,000

DRY EDIBLE BEANS: Acreage, Yield and Production by Counties,
1979 (Preliminary)

County	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.	
	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(Lbs.)
Cavalier	600	600	1,360	1,360	816,000
Grand Forks	30,000	29,000	1,250	1,300	37,626,000
Pembina	18,000	17,000	1,310	1,380	23,494,000
Walsh	14,000	13,000	1,250	1,350	17,499,000
McKenzie	1,100	1,100	1,600	1,600	1,764,000
Stutsman	700	700	1,310	1,310	919,000
Wells	1,900	1,800	870	910	1,644,000
Barnes	500	500	1,560	1,560	781,000
Cass	7,900	7,700	1,520	1,550	11,973,000
Griggs	500	500	1,260	1,260	632,000
Steele	9,300	9,100	1,310	1,340	12,214,000
Traill	12,500	11,500	1,160	1,270	14,552,000
Dickey	4,800	4,600	1,440	1,500	6,898,000
LaMoure	900	900	1,360	1,360	1,225,000
Ransom	3,100	3,000	1,500	1,560	4,665,000
Richland	2,200	2,100	1,280	1,340	2,805,000
Sargent	500	500	1,360	1,360	680,000
Other Counties	1,500	1,400	1,080	1,150	1,613,000
STATE	110,000	105,000	1,290	1,350	141,800,000

POTATOES

POTATOES: Acreage, Yield and Production by Counties, 1978 (Revised), 1979 (Preliminary)

County	1978					1979				
	Acres Planted	Acres Harvested	Yield per Acres		Production	Acres Planted	Acres Harvested	Yield per Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Cwt.)	(Cwt.)	(Cwt.)	(Acres)	(Acres)	(Cwt.)	(Cwt.)	(Cwt.)
Grand Forks	33,500	32,800	186	190	6,232,000	29,500	27,500	148	159	4,375,000
Pembina	30,700	30,500	174	175	5,337,500	30,000	29,000	163	169	4,895,000
Towner	2,600	2,500	144	150	375,000	1,900	1,800	139	147	265,000
Walsh	52,500	52,200	164	165	8,596,500	51,500	48,000	144	155	7,435,000
Traill	6,000	5,900	197	200	1,180,000	5,400	5,100	164	174	885,000
Other Counties	4,700	4,200	144	162	679,000	2,700	2,600	143	148	385,000
STATE	130,000	128,000	172	175	22,400,000	121,000	114,000	151	160	18,240,000

POTATOES: Production, Disposition, Price and Value, North Dakota, 1971-78

Crop of	Production	Total Used for Seed 1/	Farm Disposition Used On Farms Where Grown		Sold 2/	Price per Hundredweight	Value of Production	
			For Seed, Feed and Household Use	Feed, Shrinkage and Loss			Production	Sales
	Thousand Hundredweight					- Dollars -	--- Thousand Dollars---	
1971	19,995	1,769	761	3,599	15,635	1.23	24,594	19,231
1972	17,400	1,862	551	1,189	15,660	2.75	47,850	43,065
1973	19,140	1,946	404	1,340	17,396	4.60	88,044	80,022
1974	22,950	1,740	567	4,934	17,449	3.15	72,293	54,964
1975	17,600	1,798	528	1,672	15,400	4.20	73,920	64,680
1976	16,940	1,987	641	1,948	14,351	3.45	58,443	49,511
1977	21,600	1,885	648	2,916	18,036	2.70	58,320	48,697
1978 3/	22,400	1,755	448	3,360	18,592	2.60	58,240	48,339

1/ Includes seed purchased and seed used on farms where grown. 2/ Consists of potatoes sold for all purposes including food, seed, processing and livestock feed. 3/ Preliminary.

POTATOES: Acreage Harvested, Yield, Production and Stocks, by Months, by Type, North Dakota, 1975-79

Crop Year	Harvested Acres	Yield per Acre	Production	Stocks on Hand					
				December 1	January 1	February 1	March 1	April 1	May 1 1/
	(000)	(Cwt.)	(000 Cwt.)	Thousand Hundredweight					
				REDS					
1975	39.0	149	5,820	5,120	4,450	3,160	2,000	950	
1976	45.5	136	6,190	5,490	4,510	3,430	2,450	1,350	
1977	49.1	146	7,180	6,270	5,400	4,300	3,160	2,350	
1978	44.7	163	7,300	6,420	5,550	4,550	3,490	2,120	1,120
1979 2/	31.8	154	4,900	4,050	3,580	2,980	2,400	1,530	560
				WHITES					
1975	61.0	168	10,230	6,660	5,000	3,950	2,750	1,300	
1976	64.5	143	9,210	4,990	3,950	2,990	1,940	940	
1977	69.7	169	11,780	7,810	6,740	5,560	4,550	3,000	
1978	67.6	182	12,310	8,200	7,090	5,890	5,020	3,060	1,470
1979 2/	66.6	163	10,830	6,810	5,730	4,680	3,530	2,240	760
				RUSSETS					
1975	10.0	155	1,550	1,020	950	790	650	250	
1976	11.0	140	1,540	1,020	940	880	710	310	
1977	16.2	163	2,640	1,920	1,660	1,340	1,090	750	
1978	15.7	178	2,790	2,380	2,060	1,760	1,390	920	610
1979 2/	15.6	161	2,510	1,640	1,390	1,140	970	730	680
				TOTAL					
1975	110.0	160	17,600	12,800	10,400	7,900	5,400	2,500	
1976	121.0	140	16,940	11,500	9,400	7,300	5,100	2,600	
1977	135.0	160	21,600	16,000	13,800	11,200	8,800	6,100	
1978	128.0	175	22,400	17,000	14,700	12,200	9,900	6,100	3,200
1979 2/	114.0	160	18,240	12,500	10,700	8,800	6,900	4,500	2,000

1/ May 1 estimates started with 1978 crop. 2/ Preliminary.

POTATOES CONT.

POTATO QUALITY, SIZE, HARVEST LOSSES, HILLS AND SEED

Potato stocks quality information listed below is based on a special survey in the Red River Valley. Sample bags of potatoes selected on a random basis were placed in storage at harvest. The table shows cumulative average grade and weight loss, with comparisons, for the potatoes removed from storage up to May 1, 1980. Samples of white varieties recovered before May 1, 1980 indicated a significantly lower quality both at harvest and after storage than samples recovered by the comparable date a year earlier. Based on samples of russet varieties recovered by May 1, 1980, the quality at harvest was also indicated well below a year earlier, but after storage quality was 1 percentage point higher than May 1, 1979. At the request of the R.R.V. Potato Growers Assn., samples were selected only for processing potatoes.

Harvest loss, number of hills per acre and weight by size groups are from the annual potato objective yield survey conducted in North Dakota. These data are presented here for information but are not considered official estimates. Objective yield sample plots were located in potato fields that were selected on a random basis. Field enumerators recorded counts and measurements just prior to and immediately after harvest.

The seed potato acres listed were eligible for final certification based on history, field inspections and certain other preliminary requirements of the North Dakota State Seed Department.

Certified Seed Potatoes 1/
North Dakota, 1970-79

Year	Acres Eligible
1970	30,154
1971	32,631
1972	31,064
1973	34,145
1974	34,815
1975	34,040
1976	38,431
1977	40,299
1978	34,454
1979	25,301

1 N.D. State Seed Dept.

POTATO STOCKS QUALITY, RED RIVER VALLEY, 1979-80
AVERAGE GRADE OF POTATOES

Crop	No. 1 Including B's		No. 2		Culls		No. 1 B's 2/		Weight Loss 3/
	At Harv.	After Storage 3/	At Harv.	After Storage 3/	At Harv.	After Storage 3/	At Harv.	After Storage 3/	
	- - - - - Percent - - - - -								
1979-1980 Storage Season									
White	82	72	8	9	10	19	4	4	5
Russet	73	67	7	7	20	26	6	8	6
All Samples 1978-79 Storage Season - Final 1/									
White	88	76	6	10	6	14	6	6	5
Russet	81	66	11	18	8	16	2	3	4

1/ Matched samples, quality at harvest compared with quality after storage for 1978-79 season. 2/ No. 1 B's are potatoes that meet the U.S. No. 1 grade but do not meet minimum size standards for the area, red and white varieties - 1½-2½ inches in diameter and russet varieties - under 2 inches in diameter or less than 4 ounces. 3/ Data for russet potatoes not available for the 1979-80 season. Insufficient number of samples removed from storage prior to December 1, 1979.

POTATOES: Harvest Loss
by Type, North Dakota, 1/

Year	Round Reds	Round Whites	Russets	All Types
	-- Hundredweight per Acre --			
1978	25	28	2/	29
1979	30	44	39	42

1/ Potatoes left in the field at time of harvest. 2/ Insufficient sample size.

POTATOES: Percentage of Net Weight by Size Groups,
North Dakota, 1978-79 1/

Type	Year	Under 1 7/8 Inch	1 7/8 - 2 Inches	2 - 2 1/4 Inches	2 1/4 - 2 1/2 Inches	2 1/2 - 3 1/2 Inches	3 1/2 Inches & Over	Total
		- - - - - Percent of Net Weight - - - - -						
Reds	1978	2	3	8	13	62	12	100
	1979	2/	2	6	10	71	11	100
Whites	1978	2	2	7	11	65	13	100
	1979	2/	1	7	10	64	18	100

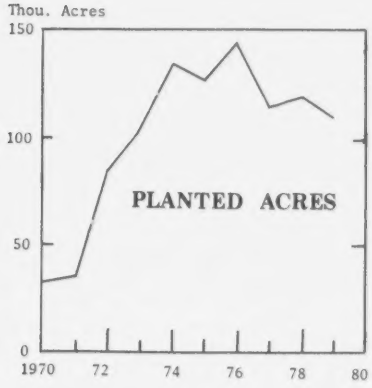
1/ Percentages shown adjusted to allow for harvesting loss. 2/ Less than 1/2 of a percent.

POTATOES: Average Number of Hills
per Acre, by Type, North Dakota 1/

Type	Year	No. of Samples	Average No. Hills/Acre
Reds	1978	36	10,538
	1979	43	10,031
Whites	1978	81	9,581
	1979	99	10,148
Russets	1978	13	9,477
	1979	23	9,769

1/ Average no. hills/acre based on sample plots selected for objective yield measurements.

DRY EDIBLE BEANS



DRY BEANS: Production by Commercial Class
North Dakota, 1975-79

Year	Peas Navy	Great Northern	Pinto	Other	Total
	- - - - Thousand Hundredweight - - - -				
1975	61	2	1,117	3	1,183
1976	63	5	1,043	1	1,112
1977	150	9	944	--	1,103
1978	270	3	966	4	1,243
1979	247	3	1,158	10	1,418

VARIETIES PLANTED

HARD RED SPRING WHEAT

Percent of Acreage Planted by Varieties, 1972-75 & 1978-79
Planted Acres by Varieties, 1979, North Dakota

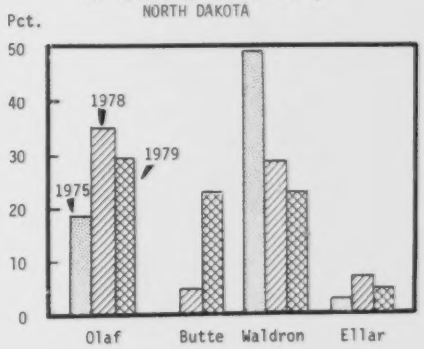
Variety	1972	1973	1974	1975	1978	1979 Pct.	1979 Acres Planted
	--- Percent ---						- 000 -
Olaf	--	--	4.2	18.4	35.0	29.2	1,871.4
Butte	--	--	--	--	5.0	23.2	1,483.7
Waldron	52.7	53.8	52.0	49.6	28.3	22.7	1,454.3
Ellar	--	--	--	2.2	7.3	5.3	341.3
Prodax	--	--	--	--	3.3	5.1	324.9
Wared	--	--	--	--	2.3	3.6	230.2
Era	1/	2.5	6.9	8.0	3.9	2.3	144.5
Kitt	--	--	--	--	4.5	2.1	134.0
Solar	--	--	--	--	--	2.0	126.4
Profit 75	--	--	--	1.1	1.4	1/	
Chris	8.9	5.9	4.1	2.7	1.1	1/	
Bounty 208	3.0	5.8	5.9	2.5	1/	--	
World Seeds 1809	11.2	9.1	4.1	2.0	1/	1/	
Other & Unknown	24.2	22.9	22.8	13.5	7.9	2/4.5	2/289.3
All Varieties	100.0	100.0	100.0	100.0	100.0	100.0	6,400.0

1/ Less than one percent included in other and unknown.
2/ Includes Coteau, Angus, Protor, Nowesta, Sinton, Len, Thatcher, Lew, Nordak, Glenlea, Eureka, as well as those with footnote one (1/).

For the second consecutive year, Olaf was the most popular hard red spring wheat planted in North Dakota with 29 percent of the 6.4 million acres in 1979. A 1973 release, its popularity declined 6 percentage points from last year following a steady increase since release. Butte edged out Waldron for second place this year with 23.2 percent of the acreage compared with only 5 percent last year. It is an early maturing variety released in 1977.

Waldron, with 22.7 percent of the acreage, continued to decline in popularity, slipping from second in 1978 with 28 percent, to third this year. Prior to last year, Waldron had been the number one variety for many years.

TOP FOUR VARIETIES IN 1979, NORTH DAKOTA



PERCENT OF ACREAGE PLANTED BY CROP REPORTING DISTRICTS, 1979, NORTH DAKOTA

Variety	North-west	North Cent.	North-east	West Cent.	Cen-tral	East Cent.	South-west	South Cent.	South-east	State
					---- Percent ----					
Olaf	20.4	18.6	37.6	14.9	22.6	45.4	30.3	22.1	34.9	29.2
Butte	21.2	33.5	29.6	13.4	30.3	25.3	10.9	19.3	26.2	23.2
Waldron	31.6	21.6	1.7	45.3	30.8	5.5	25.5	32.1	23.4	22.7
Ellar	9.2	4.6	1.3	7.0	4.3	3.3	14.4	3.5	2.5	5.3
Prodax	0.7	--	15.2	8.0	0.7	0.7	6.1	8.2	2.3	5.1
Wared	9.2	15.4	4.1	1.3	1.6	1.4	3.2	2.3	1.7	3.6
Era	0.6	0.5	0.9	1.2	3.6	6.3	0.9	2.7	1.9	2.3
Kitt	--	0.4	4.9	1.1	2.5	4.4	--	0.7	2.2	2.1
Solar	3.0	1.1	2.8	0.7	1.5	4.6	0.9	0.3	1.7	2.0
Other & Unknown	4.1	4.3	1.9	7.1	2.1	3.1	7.8	8.8	3.2	4.5

WINTER WHEAT

Percent of Acreage Planted by Varieties, 1972-75, 1978-79 and Planted Acres by Varieties, 1979, North Dakota

Variety	1972	1973	1974	1975	1978	1979 Pct.	1979 Acres Planted
	--- Percent ---						- 000 -
Roughrider	--	--	--	--	20.0	49.6	84.3
Froid	30.8	38.5	46.3	45.8	46.6	24.9	42.3
Winoka	14.2	38.1	15.9	17.9	9.1	5.0	8.5
Hi Plains	--	--	--	--	1.5	1.8	3.1
Winalta	12.5	6.9	10.4	7.6	3.3	3.2	5.4
Minter	5.9	5.0	4.1	1/	3.0	3.2	5.4
Other & Unknown	36.6	11.5	23.3	28.7	16.5	2/12.3	2/21.0
All Varieties	100.0	100.0	100.0	100.0	100.0	100.0	170.0

1/ Less than one percent included in other and unknown.
2/ Includes Centurk.

Roughrider replaced Froid as the number one winter wheat variety with 50 percent of the 170,000 acres planted. Released in 1975, Roughrider had 20 percent of the acreage last year. Froid fell to second place with 25 percent, after being the most popular variety since 1971. Last year Froid had 47 percent of the total. Other significant varieties were Winoka, 5 percent; Winalta and Minter both 3 percent; Hi-Plains, 2 percent; and Centurk 1 percent. Acreage where the variety planted was unknown or mixed accounted for 11 percent of the total.

DURUM WHEAT

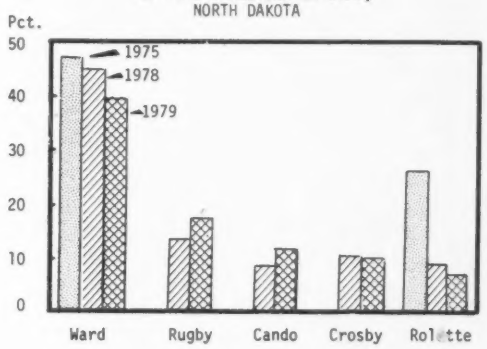
Percent of Acreage Planted by Varieties, 1972-75, 1978-79 and Planted Acreage, 1979, North Dakota

Variety	1972	1973	1974	1975	1978	1979 Pct.	1979 Acres Planted
	--- Percent ---						- 000 -
Ward	--	1/	13.4	47.5	45.4	39.4	1,311.2
Rugby	--	--	1/	1/	13.2	17.3	576.2
Cando	--	--	--	--	8.8	11.6	386.0
Crosby	--	--	1/	1/	10.0	9.9	328.3
Rolette	1/	14.6	36.9	26.0	8.8	6.5	216.1
Botno	--	--	--	1/	4.0	4.4	145.9
Leeds	67.6	50.0	27.9	12.5	3.1	3.0	98.4
Wells	24.6	27.8	18.8	9.5	3.2	2.6	87.2
Calvin	--	--	--	--	--	2.5	83.1
Hercules	5.9	4.6	1.5	1/	1/	--	--
Other & Unknown	1.9	3.0	1.5	4.5	3.5	2/2.8	2/97.6
All	100.0	100.0	100.0	100.0	100.0	100.0	3,330.0

1/ Less than one percent included in Other & Unknown.
2/ Includes Coulter, Edmore, Wascana, Langdon, and Vic.

Ward easily remained the number one durum variety in 1979. However, with 39 percent of the 3.33 million durum acres, its popularity declined from 45 percent last year. Rugby remained the second most popular durum variety with 17 percent of the total, up from 13 percent last year. Cando took over third place among durum varieties with 12 percent of the acreage. Last year Cando was fourth with 9 percent.

TOP FIVE VARIETIES IN 1979, NORTH DAKOTA



PERCENT OF ACREAGE PLANTED BY CROP REPORTING DISTRICTS, 1979, NORTH DAKOTA

Variety	Northwest	North Cent.	Northeast	West Cent.	Central	East Cent.	Southwest	South Cent.	Southeast	State
					---- Percent ----					
Ward	44.9	42.8	28.9	63.5	36.1	21.9	39.4	23.5	12.7	39.4
Rugby	1.0	28.4	19.9	--	38.1	17.7	31.3	--	39.7	17.3
Cando	12.5	15.5	12.8	2.1	4.9	34.2	0.7	--	5.1	11.6
Crosby	25.7	2.9	2.8	5.5	1.3	12.2	1.3	--	5.8	9.9
Rolette	3.1	0.8	15.3	8.3	3.9	3.3	15.8	20.4	7.1	6.5
Botno	3.5	4.2	10.0	--	1.0	1.1	--	--	2.8	4.4
Leeds	2.6	1.6	3.3	3.8	5.3	--	2.4	22.4	3.9	3.0
Wells	2.9	1.0	1.0	9.0	4.4	--	--	--	6.3	2.6
Calvin	1.0	1.6	3.5	0.6	4.0	6.0	7.1	33.6	2.8	2.5
Other & Unknown	2.8	1.2	2.5	7.2	1.0	3.6	2.0	0.1	13.8	2.8

BARLEY

Percent of Acreage Planted by Varieties, 1974-79 and Planted Acreage, 1979, North Dakota

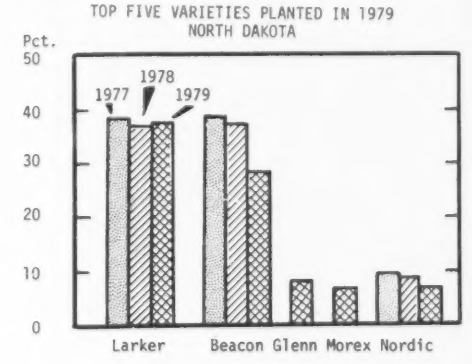
Variety	1974	1975	1976	1977	1978	1979 Pct.	1979 Acres Planted
	--- Percent ---						- 000 -
Larker*	39.7	35.1	35.3	37.9	36.3	36.7	624.3
Beacon*	17.0	30.9	40.3	38.3	37.7	28.2	479.1
Glenn	--	--	--	--	0.4	8.0	136.6
Morex*	--	--	--	--	0.3	7.6	129.0
Nordic	14.2	14.1	9.4	9.4	9.2	6.6	112.3
Manker*	--	1/	2.0	2.8	2.9	2.9	48.7
Bonanza*	9.3	7.4	5.1	6.7	5.5	2.7	45.8
Dickson	13.0	8.6	4.5	2.7	3.1	2.1	35.1
Park*	--	--	--	--	--	1.4	23.8
Vanguard	1.3	0.6	0.9	0.6	0.6	0.6	10.2
Hector	--	--	--	--	0.5	0.4	6.8
Klondike	--	--	--	--	0.9	0.2	3.4
Summit	--	--	--	--	--	0.2	3.4
Paragon	--	--	--	--	--	0.1	1.7
Shabet	--	--	--	--	0.1	0.1	1.9
Other & Unknown	5.5	3.3	2.5	1.6	2.5	2.2	37.9
All Varieties	100.0	100.0	100.0	100.0	100.0	100.0	1,700.0

1/ Less than 0.1 percent. *Recommended as acceptable malting varieties by the Malting Barley Improvement Association.

MALTING TYPE: After slipping to second place beginning in 1976, Larker regained its position as the most popular of all individual barley varieties, both malting and feed type, with 36.7 percent of the total acres. Beacon dropped to a solid second place in popularity with 28.2 percent of the total barley acreage.

FEED TYPE: Glenn overtook Nordic as the Number 1 feed type barley variety with 8.0 percent of total barley acreage and third place overall.

TOP FIVE VARIETIES PLANTED IN 1979 NORTH DAKOTA



BARLEY (Cont.)

PERCENT OF ACREAGE PLANTED BY CROP REPORTING DISTRICTS, 1979, NORTH DAKOTA

Variety	North-west	North Cent.	North-east	West Cent.	Cen-tral	East Cent.	South-west	South Cent.	South-east	State
	---- Percent ----									
Larker	87.4	73.5	15.9	38.9	19.4	25.6	57.3	44.3	64.4	36.7
Beacon	--	8.4	42.4	--	40.0	36.5	8.2	8.7	7.1	28.2
Glenn	--	.6	10.0	4.1	13.3	10.5	--	--	12.2	8.0
Morex	8.1	8.4	6.3	--	--	11.9	1.9	--	10.0	7.6
Nordic	--	--	12.2	4.1	6.8	6.8	--	6.2	1.3	6.6
Manker	--	--	5.2	--	2.9	3.7	--	--	--	2.9
Bonanza	--	5.8	2.0	--	9.2	1.6	--	--	3.5	2.7
Dickson	--	.8	2.5	13.3	4.9	1.0	2.7	8.2	--	2.1
Other & Unknown	1/4.5	2.5	2/3.5	3/39.6	3.5	4/2.4	5/29.9	6/32.6	1.5	5.2

1/ Includes 1.6% Park. 2/ Includes 2.2% Park. 3/ Includes 24.3% Vanguard, 7.0% Hector, 3.5% Shabet. 4/ Includes 1.6% Park. 5/ Includes 5.8% Vanguard, 1.9% Hector, 4.1% Paragon. 6/ Includes 8.2% Hector.

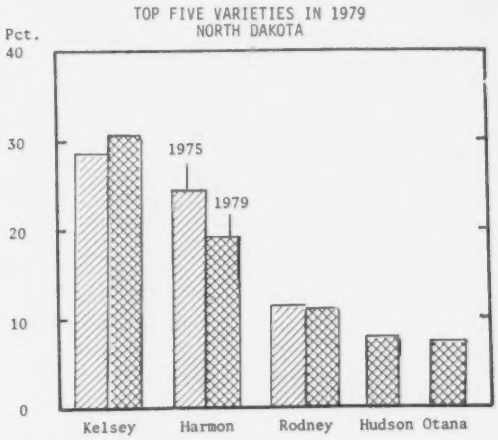
OATS

Percent of Acreage Planted by Varieties 1975 and 1979 and Planted Acres, 1979, North Dakota

Variety	1975	1979	
		Percent	Acres
	(Pct.)		(000)
Kelsey	28.3	30.1	316.0
Harmon	24.3	19.3	202.6
Rodney	11.4	11.1	116.6
Hudson	--	8.0	84.0
Otana	--	7.2	75.6
Lyon	--	3.6	37.8
Burnett	5.4	3.6	37.8
Russell	6.0	3.6	37.8
Garry	4.3	2.3	24.2
Kota	1.9	1.9	20.0
Sioux	2.5	1.4	14.7
Cayuse	1.4	1.2	12.6
Froker	2.1	1.0	10.5
Lodi	2.2	1.0	10.5
Other & Unknown	10.2	4.7	49.3
All	100.0	100.0	1,050.0

Kelsey was the number one oat variety planted in North Dakota this year with 30 percent of the total oat acreage planted. Harmon was the second most popular at 19 percent of the total while Rodney ranked third with 11 percent. Hudson was fourth in popularity with 8 percent followed closely by Otana.

Kelsey was also the leading variety back in 1975, the last time a similar survey of oat varieties was conducted, with 28 percent of the total. Released in 1967, Kelsey is late maturing with a very good relative yield.



PERCENT OF ACREAGE PLANTED BY CROP REPORTING DISTRICTS, 1979, NORTH DAKOTA

Variety	North-west	North Cent.	North-east	West Cent.	Cen-tral	East Cent.	South-west	South Cent.	South-east	State
	---- Percent ----									
Kelsey	45.2	30.0	11.3	36.9	29.9	17.5	49.1	27.0	17.9	30.1
Harmon	11.1	31.7	33.7	17.4	27.5	11.4	6.7	17.4	22.0	19.3
Rodney	9.1	5.2	3.4	16.1	14.1	6.0	2.8	16.0	12.8	11.1
Hudson	6.7	11.2	20.1	1.7	6.6	36.5	5.1	1.7	10.2	8.0
Otana	15.4	11.2	.8	9.1	3.7	7.3	12.3	6.6	1.5	7.2
Lyon	1.2	.9	2.5	1.5	6.7	6.0	--	1.0	9.9	3.6
Burnett	--	.3	--	.9	2.7	--	3.8	6.4	8.3	3.6
Russell	4.2	--	2.2	4.9	2.3	4.5	6.1	5.8	1.0	3.6
Garry	2.0	3.0	6.2	1.9	1.4	.4	.5	3.5	2.4	2.3
Kota	.3	1.9	6.4	1.3	--	1.0	--	4.1	2.5	1.9
Sioux	--	--	7.0	.4	--	--	2.0	2.2	2.1	1.4
Cayuse	--	1.9	--	4.5	--	--	2.4	.8	--	1.2
Froker	--	1.7	--	1.0	1.9	2.8	--	--	2.0	1.0
Lodi	2.6	--	1.4	.7	.9	.8	.8	.6	1.4	1.0
Other & Unknown	2.2	1.0	5.0	1.7	2.3	5.8	8.4	6.9	6.0	4.7

SUMMERFALLOW

LAND SUMMER FALLOWED BY COUNTIES, 1977-79

District and County	Total Acres Summer Fallowed		
	1977	1978	1979
	(Acres)	(Acres)	(Acres)
Burke	182,000	180,000	184,000
Divide	236,000	235,000	256,000
Mountrail	258,000	265,000	272,000
Renville	164,000	160,000	145,000
Ward	292,000	280,000	256,000
Williams	348,000	360,000	367,000
Northwest	1,480,000	1,480,000	1,480,000
Benson	175,000	185,000	164,000
Bottineau	249,000	220,000	218,000
McHenry	156,000	170,000	172,000
Pierce	134,000	140,000	135,000
Rolette	109,000	110,000	111,000
North Central	823,000	825,000	800,000
Cavalier	217,000	225,000	189,000
Grand Forks	97,000	110,000	101,000
Nelson	128,000	135,000	119,000
Pembina	90,000	90,000	74,000
Ramsey	213,000	185,000	158,000
Towner	171,000	165,000	142,000
Walsh	97,000	110,000	97,000
Northeast	1,013,000	1,020,000	880,000
Dunn	98,000	115,000	106,000
McKenzie	172,000	165,000	158,000
McLean	300,000	300,000	305,000
Mercer	77,000	85,000	92,000
Oliver	25,000	35,000	29,000
West Central	672,000	700,000	690,000
Eddy	44,000	40,000	48,000
Foster	51,000	55,000	65,000
Kidder	46,000	45,000	48,000
Sheridan	109,000	110,000	108,000
Stutsman	190,000	165,000	173,000
Wells	172,000	175,000	173,000
Central	612,000	590,000	615,000

District and County	Total Acres Summer Fallowed		
	1977	1978	1979
	(Acres)	(Acres)	(Acres)
Barnes	113,000	130,000	87,000
Cass	42,000	65,000	46,000
Griggs	61,000	60,000	61,000
Steele	55,000	60,000	47,000
Traill	44,000	45,000	39,000
East Central	315,000	360,000	280,000
Adams	119,000	120,000	145,000
Billings	31,000	35,000	35,000
Bowman	114,000	120,000	105,000
Golden Valley	95,000	85,000	85,000
Hettinger	216,000	220,000	216,000
Slope	93,000	105,000	84,000
Stark	152,000	165,000	165,000
Southwest	820,000	850,000	835,000
Burleigh	97,000	95,000	113,000
Emmons	44,000	80,000	90,000
Grant	106,000	105,000	95,000
Morton	103,000	95,000	92,000
Sioux	35,000	25,000	25,000
South Central	385,000	400,000	415,000
Dickey	36,000	35,000	41,000
LaMoure	83,000	80,000	70,000
Logan	42,000	50,000	52,000
McIntosh	52,000	55,000	63,000
Ransom	18,000	30,000	26,000
Richland	25,000	40,000	33,000
Sargent	24,000	35,000	20,000
Southeast	260,000	325,000	305,000
STATE	6,380,000	6,550,000	6,300,000

CROP VALUE

Total Production, Season Average Price per Unit, Value of Production per Acre and Total Value of Production, Principal Crops, North Dakota, 1978-79 1/

Crop	Total Production			Price per Unit			Value of Production per Acre		Total Value of Production	
	Unit	1978	1979	Unit	1978	1979	1978	1979	1978	1979
		---Thousands---			---Dollars---		---Dollars---		-Thousand Dollars-	
Wheat, All	Bu.	286,065	252,235	Bu.	2.84	3.80	84.84	99.83	813,154	958,413
Winter	Bu.	3,915	2,640	Bu.	2.52	3.40	73.08	74.80	9,866	8,976
Durum	Bu.	102,060	84,500	Bu.	2.93	4.30	92.30	111.80	299,036	363,350
Other Spring	Bu.	180,090	165,095	Bu.	2.80	3.55	81.20	94.07	504,252	586,087
Barley	Bu.	112,700	75,900	Bu.	1.78	2.10	81.88	96.60	200,606	159,390
Oats	Bu.	65,880	36,960	Bu.	1.00	1.10	54.00	48.40	65,880	40,656
Flaxseed	Bu.	4,715	6,375	Bu.	5.84	5.80	67.16	72.50	27,536	36,975
Rye	Bu.	6,355	5,180	Bu.	1.69	1.70	52.39	47.60	10,740	8,806
Sunflower, All	Lbs.	2,579,700	4,594,080	Cwt.	10.40	8.89	141.06	120.94	269,417	408,536
Oil	Lbs.	2,354,160	4,379,200	Cwt.	10.40	8.75	141.44	119.00	244,833	383,180
Non-Oil	Lbs.	225,540	214,880	Cwt.	10.90	11.80	137.34	160.48	24,584	25,356
Corn, Grain	Bu.	19,987	22,040	Bu.	2.06	1.95	162.74	148.20	41,173	42,978
Soybeans	Bu.	4,758	5,562	Bu.	6.75	5.50	185.65	148.50	32,117	30,591
Potatoes	Cwt.	22,400	18,240	Cwt.	2.60	2.80	455.00	448.00	58,240	51,072
Beans, Dry Edible	Cwt.	1,243	1,418	Cwt.	13.50	23.70	148.50	320.07	16,781	33,607
Sugar Beets	Tons	3,054	2,304	Tons	22.90	2/	450.63	---	69,937	---
Alfalfa Seed	Lbs.	765	360	Cwt.	91.00	88.00	40.94	39.63	696	317

1/ Includes allowances for loans outstanding and purchases by the government valued at the average loan and purchase rate.
2/ Season average price not available yet for 1979.

June 1980

CROP DISPOSITION

PRODUCTION, FARM DISPOSITION, SALES AND VALUE, NORTH DAKOTA, Crop of 1974-79

Crop of	Production	Used on Farms Where Grown Feed and Seed	Sold	Season Average Price per Bushel 1/	Value of 1/	
					Production	Sales
	(000 Bu.)	(000 Bu.)	(000 Bu.)	(Dollars)	(Thousand Dollars)	
			ALL WHEAT 3/			
1974	210,752	9,449	201,303	4.95	1,043,923	997,123
1975	264,392	10,576	253,816	4.28	1,131,964	1,086,683
1976	287,830	9,211	278,619	2.60	748,932	724,966
1977	229,907	9,426	220,481	2.47	567,367	544,105
1978	286,065	8,296	277,769	2.84	813,154	789,570
1979 2/	252,235	8,576	243,659	3.80	958,413	925,827
			BARLEY			
1974	56,280	10,693	45,587	3.10	174,468	141,320
1975	79,800	17,556	62,244	2.55	203,490	158,722
1976	81,320	20,330	60,990	2.24	182,157	136,618
1977	98,670	23,681	74,989	1.54	151,952	115,483
1978	112,700	25,921	86,779	1.78	200,606	154,467
1979 2/	75,900	18,216	57,684	2.10	159,390	121,136
			OATS			
1974	44,100	31,752	12,348	1.41	62,181	17,411
1975	56,170	38,757	17,413	1.32	74,144	22,985
1976	44,840	35,424	9,416	1.37	61,431	12,900
1977	60,000	39,600	20,400	.94	56,400	19,176
1978	65,880	48,092	17,788	1.00	65,880	17,788
1979 2/	36,960	29,938	7,022	1.10	40,656	7,724
			FLAXSEED			
1974	6,688	353	6,335	9.60	62,205	60,816
1975	7,700	254	7,446	6.51	50,127	48,473
1976	4,000	364	3,636	7.18	28,720	26,106
1977	7,500	382	7,118	4.64	34,800	33,028
1978	4,715	273	4,442	5.84	27,536	25,941
1979 2/	6,375	351	6,024	5.80	36,975	34,939
			RYE			
1974	2,650	265	2,385	2.53	6,705	6,034
1975	2,975	297	2,678	2.34	6,962	6,267
1976	2,831	340	2,491	2.40	6,794	5,978
1977	2,080	270	1,810	1.80	3,744	3,258
1978	6,355	763	5,592	1.69	10,740	9,450
1979 2/	5,180	466	4,714	1.70	8,806	8,014
			CORN FOR GRAIN			
1974	8,160	3,101	5,059	3.07	25,051	15,531
1975	7,140	2,428	4,712	2.52	17,993	11,874
1976	7,640	3,209	4,431	2.19	16,732	9,704
1977	17,301	6,228	11,073	1.97	34,083	21,814
1978	19,987	7,595	12,392	2.06	41,173	25,528
1979 2/	22,040	7,494	14,546	1.95	42,978	28,365
			SOYBEANS			
1974	2,723	76	2,647	6.00	16,338	15,882
1975	2,906	64	2,842	4.99	14,501	14,182
1976	1,838	83	1,755	7.30	13,417	12,812
1977	3,500	98	3,402	5.83	20,405	19,834
1978	4,758	76	4,682	6.75	32,117	31,604
1979 2/	5,562	61	5,501	5.50	30,591	30,256
			ALL HAY*			
1974	4,707	4,312	395	41.50	195,341	16,393
1975	5,268	4,768	500	36.00	189,648	18,000
1976	3,976	3,594	382	45.50	180,908	17,381
1977	3,229	2,906	323	44.00	142,076	14,212
1978	6,453	5,801	652	36.00	232,308	23,472
1979 2/	5,780	5,318	462	38.00	219,640	17,556
			SUNFLOWER**			
1974	352,680			15.51	54,687	
1975	547,800			10.80	59,102	
1976	600,000			11.10	66,420	
1977	1,658,250			10.60	174,882	
1978	2,579,700			10.40	269,417	
1979 2/	4,594,080			8.89	408,536	

* Tons ** Production in pounds; price per hundredweight. 1/ Includes allowances for loans outstanding and purchases by the government valued at the average loan and purchase rate. 2/ Preliminary. 3/ Season average price of all wheat is derived from value of durum, other spring and winter wheat.

GRAIN STOCKS

STOCKS BY POSITIONS, QUARTERLY, NORTH DAKOTA, 1975-79

Year Beginning Oct. 1	On Farm				Off Farm				Total			
	Oct. 1	Jan. 1	April 1	June 1	Oct. 1	Jan. 1	April 1	June 1	Oct. 1	Jan. 1	April 1	June 1
	- - - - - - - - - - Thousand Bushels - - - - - - - - - -											
ALL WHEAT												
1975	198,294	142,772	111,045	76,674	49,839	40,475	30,444	21,709	248,133	183,247	141,489	98,383
1976	238,899	207,238	175,576	161,185	67,449	55,849	46,224	33,400	306,348	263,087	221,800	194,585
1977	298,879	246,000	209,215	156,337	58,339	47,578	41,199	32,804	357,218	293,578	250,414	189,141
1978	314,672	271,762	243,155	180,221	64,186	47,076	43,565	32,042	378,858	318,838	286,720	212,263
1979 1/	317,816	242,146	194,221		62,839	44,700	41,600		380,655	286,846	235,821	
DURUM WHEAT												
1975	74,507	55,618	45,124	33,581	16,536	14,251	10,876	9,148	91,043	69,869	56,000	42,729
1976	95,930	83,260	68,780	61,540	22,124	18,455	15,009	10,048	118,054	101,715	83,789	71,588
1977	89,562	70,197	51,438	40,545	16,280	13,231	10,209	7,490	105,842	83,428	61,647	48,035
1978	100,019	83,689	71,442	60,215	15,141	11,055	11,468	8,211	115,160	94,744	82,910	68,426
1979 1/	103,090	74,360	54,925		16,725	10,428	11,240		119,815	84,788	66,165	
BARLEY												
1975	63,840	49,476	36,708	28,728	10,553	9,222	7,814	5,649	74,393	58,698	44,522	34,377
1976	65,869	49,605	34,154	19,517	12,389	10,206	9,479	6,490	78,258	59,811	43,633	26,007
1977	84,856	75,976	54,269	42,428	11,082	10,265	11,288	6,917	95,938	86,241	65,557	49,345
1978	118,335	96,922	76,636	61,985	12,392	13,720	14,700	12,017	130,727	110,642	91,336	74,002
1979 1/	106,260	88,803	68,310		16,539	11,569	12,400		122,799	100,372	80,710	
OATS												
1975	56,732	47,745	30,332	23,591	14,588	12,594	10,970	6,823	71,320	60,339	41,302	30,414
1976	56,050	41,253	25,110	17,039	5,922	3,400	2,633	2,037	61,972	44,653	27,743	19,076
1977	66,000	53,400	40,200	30,600	4,488	3,381	3,294	2,943	70,488	56,781	43,494	33,543
1978	72,468	65,880	49,410	36,893	5,259	4,380	4,039	3,345	77,727	70,260	53,449	40,238
1979 1/	59,136	49,896	37,330		3,965	3,081	2,010		63,101	52,977	39,340	
RYE												
1975	1,488	1,190	714	536	691	447	300	205	2,179	1,637	1,014	741
1976	1,472	1,274	708	510	843	495	290	188	2,315	1,769	998	698
1977	1,914	1,622	1,290	1,040	288	184	126	93	2,202	1,806	1,416	1,133
1978	4,449	4,004	3,686	2,860	941	683	620	486	5,390	4,687	4,306	3,346
1979 1/	5,491	4,558	4,144		1,432	1,043	916		6,923	5,601	5,060	
FLAXSEED												
1975	4,620	2,387	1,617	1,078	2,277	2,047	1,352	802	6,897	4,434	2,969	1,880
1976	2,800	1,800	1,200	720	1,240	726	370	305	4,040	2,526	1,570	1,025
1977	5,625	3,375	2,850	2,025	1,269	1,607	1,006	642	6,894	4,982	3,856	2,667
1978	3,065	2,263	1,697	707	1,259	1,117	560	421	4,324	3,380	2,257	1,128
1979 1/	4,973	3,124	2,486		859	1,340	620		5,832	4,464	3,106	

1/ Preliminary

June 1980

GRAIN STOCKS CONT.

STOCKS BY POSITIONS, QUARTERLY, NORTH DAKOTA (Cont.)
1975-79

Year	On Farm				Off Farm				Total			
	Jan. 1	April 1	June 1	Oct. 1 2/	Jan. 1	April 1	June 1	Oct. 1 2/	Jan. 1	April 1	June 1	Oct. 1 2/
	---------- Thousand Bushels ----------											
CORN												
1976	5,355	3,570	2,071	428	954	648	265	423	6,309	4,218	2,336	851
1977	4,737	3,285	1,681	764	808	519	566	336	5,545	3,804	2,247	1,100
1978	13,841	10,035	6,920	4,844	1,321	1,121	898	733	15,162	11,156	7,818	5,577
1979	17,988	11,592	9,994	7,595	1,755	1,807	1,172	960	19,743	13,399	11,166	8,555
1980 1/	18,293	13,224			2,058	890			20,351	14,114		
SOYBEANS												
1976	1,453	1,191	872	407	1,184	816	731	272	2,637	2,007	1,603	679
1977	1,195	772	257	74	431	150	177	108	1,626	922	434	182
1978	2,205	1,295	875	350	791	543	395	171	2,996	1,838	1,270	521
1979	2,760	2,284	1,332	428	954	662	503	375	3,714	2,946	1,835	803
1980 1/	3,671	3,059			1,351	920			5,022	3,979		

HAY

Crop Of	Production	Stocks Jan. 1	Stocks May 1
	- - - Thousand Ton - - -		
1975	5,268	4,267	1,528
1976	3,976	3,499	716
1977	3,229	2,809	452
1978	6,453	5,227	1,742
1979 1/	5,780	5,375	1,561

1/ Preliminary
2/ September 1 for Soybeans

STORAGE CAPACITY

COMMERCIAL GRAIN STORAGE CAPACITY BY COUNTIES, NORTH DAKOTA,
JANUARY 1, 1979-80

District and County	1979 1/	1980		District and County	1979 1/	1980	
	Capacity	No. of Houses	Capacity		Capacity	No. of Houses	Capacity
	(000 Bu.)	(No.)	(000 Bu.)		(000 Bu.)	(No.)	(000 Bu.)
Burke	1,142	9	993	Stutsman	12,581	18	14,165
Divide	1,503	8	1,514	Wells	2,797	15	2,693
Mountrail	2,820	14	2,747				
Renville	1,531	9	1,542	Central	22,086	57	23,646
Ward	5,988	19	6,026				
Williams	3,231	15	3,056	Barnes	5,421	20	5,435
				Cass	9,519	36	10,216
Northwest	16,215	74	15,878	Griggs	1,582	10	1,720
				Steele	1,374	6	1,556
Benson	2,506	15	2,446	Traill	3,990	13	4,347
Bottineau	3,027	14	2,990				
McHenry	2,572	14	2,560	East Central	21,886	85	23,274
Pierce	897	4	897				
Rolette	775	5	775	Adams	1,665	6	1,697
				Billings	---	---	---
North Central	9,777	52	9,668	Bowman	2,309	5	2,374
				Golden Valley	921	6	910
Cavalier	2,341	19	2,484	Hettinger	1,936	8	1,760
Grand Forks	13,550	22	13,979	Slope	---	---	---
Nelson	3,079	13	3,185	Stark	3,349	10	3,271
Pembina	3,051	16	2,902				
Ramsey	4,411	20	4,067	Southwest	10,180	35	10,012
Towner	2,296	10	2,385				
Walsh	4,577	17	4,485	Burleigh	1,801	7	1,833
				Emmons	1,423	8	1,330
Northeast	33,305	117	33,487	Grant	943	7	982
				Morton	2,141	10	2,073
Dunn	765	5	779	Sioux	160	2	170
McKenzie	1,545	7	1,493				
McLean	3,747	12	3,706	South Central	6,468	34	6,388
Mercer	1,195	4	1,281				
Oliver	---	---	---	Dickey	2,501	8	2,573
				LaMoure	3,014	14	2,934
West Central	7,252	28	7,259	Logan	1,400	7	1,491
				McIntosh	936	8	959
Eddy	839	5	855	Ransom	843	5	1,101
Foster	4,143	7	4,187	Richland	5,543	22	5,584
Kidder	816	7	836	Sargent	2,020	13	1,973
Sheridan	910	5	910				
				Southeast	16,257	77	16,615
				STATE	143,476	559	146,227

1/ Revised.

LIVESTOCK

DAIRY

POULTRY

NORTH DAKOTA LIVESTOCK

Cattle

The number of cattle and calves on North Dakota farms and ranches on January 1, 1980 was 2,000,000 head, up 2 percent from the previous year. This was the first yearly increase after four consecutive years of decline. The number of all cows was slightly lower due to declines in milk cow numbers and the number of heifers not intended for breeding was lower. But, all other components of the inventory showed increases.

The 1979 calf crop of 1,040,000 was 1 percent lower than a year earlier. The total value of cattle and calves on hand, at $1.07 billion, was up 16 percent. The total value was boosted by a 14 percent increase in the average value per head, up to $535. The number of cattle farms for 1979, at 22,000, remained unchanged from the previous year, but the number of dairy farms dropped 300 to a total of 4,800.

Hogs

Hogs and pigs on North Dakota farms on December 1, 1979 totaled 370,000 head, up 10 percent from December 1, 1978. Breeding hogs totaled 56,000, a decrease of 8 percent from 1978, while the number of market hogs rose 15 percent to 314,000 head. The average value per head for all hogs, at $55.50, was down sharply from the $82.50 average value of a year earlier.

Hog producers farrowed 35,000 sows between December 1, 1978 and June 1, 1979, 1,000 more than in the same period a year earlier. Thirty-eight thousand sows farrowed during June-November, 19 percent more than the comparable period in 1978. Litter size averaged 7.3 for the spring crop and 7.4 pigs per litter for the fall crop. There were 4,800 hog farms in North Dakota in 1979, unchanged from 1978.

LIVESTOCK INVENTORY NUMBERS, NORTH DAKOTA, SPECIFIED DATES, 1976-80

Species	CATTLE AND SHEEP						
	1977		1978		1979		1980
	January 1	July 1	January 1	July 1	January 1	July 1	January 1
	Thousand Head						
ALL CATTLE	2,235	2,790	2,050	2,545	1,967	2,460	2,000
Cows and Heifers that have calved	1,173	1,235	1,080	1,127	1,058	1,109	1,055
Beef	1,065	1,128	976	1,027	962	1,014	962
Milk	108	107	104	100	96	95	93
Heifers over 500 lbs.	246	239	222	232	224	224	232
Beef Replacement	139	146	127	135	121	155	140
Milk Replacement	24	22	23	21	22	22	22
Other	83	71	72	76	81	47	70
Steers over 500 lbs.	168	164	123	155	142	138	143
Bulls over 500 lbs.	56	54	51	46	49	49	50
Steers, Heifers and Bulls under 500 lbs.	592	1,098	574	985	494	940	520
ALL SHEEP & LAMBS	236		213		198		236
Number on Feed	62		48		38		46
Total Stock Sheep	174		165		160		190
Ewes 1 year plus	138		126		115		135
Ewe Lambs	25		28		32		39
Wether and Ram Lambs	6		5		8		10
Rams and Wethers 1 year plus	5		6		5		6

Species	HOGS AND CHICKENS						
	1976	1977		1978		1979	
	December 1	June 1	December 1	June 1	December 1	June 1	December 1
	Thousand Head						
ALL HOGS AND PIGS	330	320	320	330	335	330	370
Kept for Breeding	59	45	54	56	61	58	56
Market	271	275	266	274	274	272	314
Market Hogs and Pigs by Weight Groups							
Under 60 Pounds	94	143	96	140	108	145	104
60-119 Pounds	54	59	57	58	68	57	78
120-179 Pounds	60	38	56	43	51	41	69
180-Pounds and Over	63	35	57	33	47	29	63
ALL CHICKENS	600		510		455		430
Hens laying Age	192		190		188		215
Pullets Laying Age	328		240		192		145
Other (excluding Broilers)	80		80		75		70

Sheep

All sheep and lambs on North Dakota farms on January 1, 1980, totaled 236,000, an increase of 19 percent from January 1, 1979. Stock sheep and lambs were estimated at 190,000, up 19 percent from last year and the highest number since 1975. The 1979 lamb crop totaled 143,000, a drop of 6 percent from last year and a new record low. Sheep and lambs on feed for the slaughter market were estimated at 46,000, an increase of 21 percent from January 1, 1979. The number of sheep farms in North Dakota during 1979, at 2,200 increased by 100 from 1978. The total value of sheep and lambs on hand January 1, 1980, was estimated at $22.5 million, up from the $15.3 million of last year. This was the result of a sharp increase in average value per head to $95.50.

Chickens and Turkeys

The number of chickens on North Dakota farms totaled 430,000 on December 1, 1979. This was a decrease of 5 percent from the December 1, 1978 total. Hens and pullets of laying age numbered 360,000, a decrease of 5 percent from a year earlier. The number of pullets 3 months old and older, at 48,000, was up 4 percent from the previous year. The average value per bird, at $1.45, declined 9 percent from a year earlier, and the total value of the inventory declined 14 percent to $624,000. Turkey producers raised an estimated 1,020,000 birds in 1979, 7 percent more than in 1978. Gross income from turkeys was $7,018,000.

Dairy

A total of 874 million pounds of milk was produced in North Dakota in 1979, 3 percent less than the previous year. Milk produced per cow averaged 9,200 pounds, 2 percent higher than 1978. During 1979, an average of 95,000 milk cows were in production, 5 percent less than the previous year.

Of the total milk produced, 342 million pounds were fluid grade sales to plants and 473 million pounds were manufactured grade sales to plants. A milk equivalent of 12 million pounds was sold as farm separated cream and 4 million pounds were either sold direct to consumers by producer dealers or consumed at state institutions where produced. Of the remaining milk, 15 million pounds were consumed on farms and 28 million pounds of whole milk was fed to livestock. Of the disposition items, only fluid grade sales showed an increase, up 4 percent. Only sales as farm separated cream showed a sharp decline, off 25 percent from the previous year.

For 1979, the total cash receipts from the 815 million pounds of milk sold to plants was $89.7 million. The farm value of the total milk production, including all marketings and farm uses, was $95.8 million, an increase of 12 percent from 1978. The average price per hundredweight received for wholesale milk receipts was $10.96 compared to $9.49 in 1978. The average fat test for 1979 was 3.58 percent compared to 3.59 percent in 1978.

Number of Livestock Farms by Specie and Number of All Farms, North Dakota, 1975-79

Year	All Cattle	Milk Cows	Hogs	All Sheep	All Farms
	- - - - - - Thousand - - - - - -				
1975	26.0	7.0	5.0	2.3	42.0
1976	24.5	6.0	5.1	2.0	41.5
1977	24.0	5.5	5.0	2.1	41.0
1978	22.0	5.1	4.8	2.1	41.0
1979	22.0	4.8	4.8	2.2	40.5

Livestock Values, North Dakota, January 1, 1975-79 Average, 1979 and 1980

Species and Class	Value per Head - Jan. 1			Total Value - Jan. 1		
	Average 1975-79	1979	1980 1/	Average 1975-79	1979	1980 1/
	- - - Dollars - - -			- - - Thousand Dollars - - -		
All Cattle	261.00	470.00	535.00	569,023	924,490	1,070,000
All Hogs 2/	63.90	82.50	55.50	21,296	27,638	20,535
All Sheep	45.10	77.50	95.50	10,006	15,345	22,538
All Chickens 2/	1.59	1.60	1.45	964	728	624

1/ Preliminary. 2/ Relates to December 1 preceding year.

CALF, LAMB AND PIG CROPS: North Dakota, 1974-79

Year	Calf Crop	Lamb Crop			Pig Crop						
	Calves Born	Breeding Ewes 1 Year Plus January 1	Lamb Crop		Spring			Fall			Annual Pig Crop
	Number		Number Head	As % Of Ewes 1 Yr. +	Sows Farrowed	Pigs Per Litter	Pig Crop	Sows Farrowed	Pigs Per Litter	Pig Crop	
	(Head)	(Head)	(Head)	(%)	(000)	(Number)	(000)	(000)	(Number)	(000)	(000)
1974	1,345,000	182	213	117	47	7.0	329	29	7.3	212	541
1975	1,300,000	173	201	116	40	7.4	296	32	7.8	250	546
1976	1,190,000	143	163	114	39	7.7	300	31	7.5	233	533
1977	1,130,000	138	170	123	34	7.3	248	28	7.4	207	455
1978	1,050,000	126	152	121	34	7.5	255	32	7.2	230	485
5-Yr. Avg. 1974-1978	1,203,000	152	180	118	39	7.4	286	30	7.4	226	512
1979	1,040,000	115	143	124	35	7.3	256	38	7.4	281	537

CATTLE

CATTLE AND CALVES: Production, Disposition and Income, North Dakota, 1974-78 Average, 1978 (Revised) and 1979 (Preliminary)

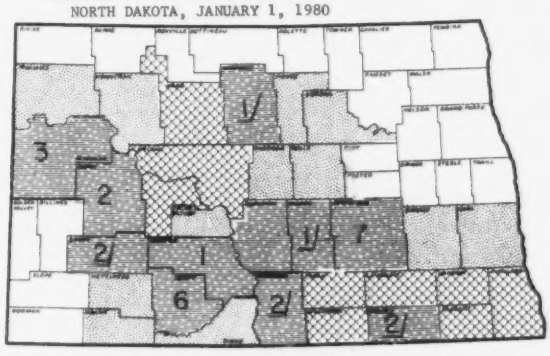
Item	Unit	Cattle & Calves 1974-1978 Average	1978			1979		
			Cattle	Calves	Total	Cattle	Calves	Total
Number on Hand Beginning of Year	000 Hd.	2,387			2,050			1,967
Calves Born	000 Hd.	1,203			1,050			1,040
Inshipments	000 Hd.	57			60			53
Marketings	000 Hd.	1,264	601	482	1,083	587	349	936
Farm Slaughter	000 Hd.	13			13			9
Deaths	000 Hd.	116	25	72	97	25	90	115
Number on Hand End of Year	000 Hd.	2,253			1,967			2,000
Production	000 Lbs.	841,664			676,880			740,460
Marketings	000 Lbs.	947,470			731,040			738,120
Price per 100 Pounds	Dollars	36.84	48.40	60.10	50.94	67.70	88.60	71.16
Cash Receipts	000 Dols.	340,548			372,404			525,237
Value of Home Consumption	000 Dols.	9,564			13,228			12,629
Gross Income	000 Dols.	350,112			385,632			537,866

Number of Cattle Feedlots by Size Groups and Number of Fed Cattle Marketed, North Dakota, 1975-79

Year	Feedlot Capacity				Total All Feedlots	
	Under 1,000 Head		1,000 Head & Over			
	No. Lots	Cattle Marketed	No. Lots	Cattle Marketed	No. Lots	Cattle Marketed
	(No.)	(000 Hd.)	(No.)	(000 Hd.)	(No.)	(000 Hd.)
1975	882	27	18	40	900	67
1976	886	47	14	24	900	71
1977	886	29	12	34	898	63
1978	1,488	37	12	29	1,500	66
1979 1/	1,481	32	19	38	1,500	70

1/ Preliminary

DISTRIBUTION OF ALL CATTLE BY COUNTIES
NORTH DAKOTA, JANUARY 1, 1980



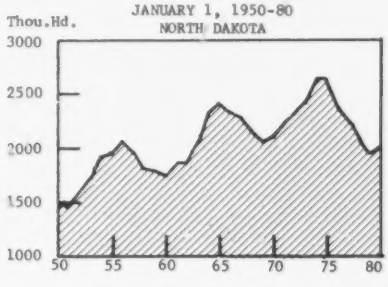
Less than 30,000 Head
40,000-59,999 Head
30,000-39,999 Head
60,000 Head & Over

1/ McHenry & Kidder tied for 4th place.
2/ Stark, Emmons & Dickey tied for 8th place.

Cattle on Feed for Slaughter Market by Class and Weight Groups by Quarterly Dates, 1979-80, and Sheep and Lambs on Feed, Jan.1,1979-80

Class and Weight Group	January 1		April 1		July 1	October 1
	1979	1980	1979	1980	1979	1979
	- - - Number of Head - - -					
Cattle on Feed	34,000	39,000	22,000	42,000	33,000	30,000
By Classes						
Steers & Steer Calves	18,000	24,000	13,000	25,000	22,000	21,000
Heifer & Heifer Calves	15,000	15,000	8,000	16,000	10,000	8,000
Cows & Others	1,000	0	1,000	1,000	1,000	1,000
By Weight Groups						
Under 500 Pounds	1,000	0	0	2,000	0	0
500-699 Pounds	10,000	20,000	8,000	17,000	3,000	1,000
700-899 Pounds	12,000	4,000	7,000	12,000	14,000	12,000
900 Pounds & Over	11,000	15,000	7,000	11,000	16,000	17,000
Sheep & Lambs on Feed	38,000	46,000	---	---	---	---

ALL CATTLE ON FARMS
JANUARY 1, 1950-80
NORTH DAKOTA



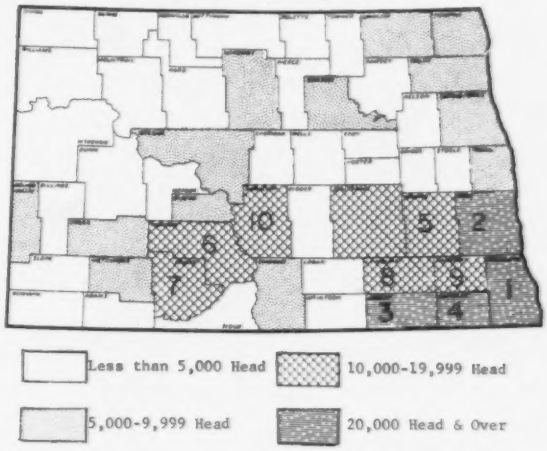
HOGS & POULTRY

HOGS: Production, Disposition & Income, North Dakota, 1974-78 Average, 1978 (Revised) and 1979 (Preliminary)

Item	Unit	All Hogs		
		1974-78 Average	1978	1979
Number on Hand 1/ December 1	000 Hd.	339	320	335
Pig Crop	000 Hd.	512	485	537
Inshipments	000 Hd.	12	16	16
Marketings	000 Hd.	468	423	457
Farm Slaughter	000 Hd.	18	16	16
Deaths	000 Hd.	45	47	45
Number on Hand December 1	000 Hd.	331	335	370
Production	000 Lbs.	98,151	96,937	109,351
Marketings	000 Lbs.	93,712	90,400	97,020
Price per 100 Lbs.	Dollars	40.52	45.30	40.80
Cash Receipts	000 Dols.	37,741	40,951	39,584
Value of Home Consumption	000 Dols.	2,625	2,981	3,068
Gross Income	000 Dols.	40,366	43,932	42,652

1/ December 1 preceding year.

DISTRIBUTION OF ALL HOGS BY COUNTIES
NORTH DAKOTA, DECEMBER 1, 1979



FARM CHICKENS & EGGS: Production, Disposition and Income, North Dakota, 1978 (Revised), 1979 (Preliminary)

Item	Unit	1978	1979
FARM CHICKENS			
Raised	000 Birds	700	600
Lost	000 Birds	140	130
Produced	000 Birds	560	470
Consumed on Farms	000 Birds	305	245
Sold	000 Birds	310	250
Pounds Produced	000 Lbs.	2,233	1,882
Consumed on Farms	000 Lbs.	1,159	931
Pounds Sold	000 Lbs.	1,302	1,050
Price per Pound	Cents	3.6	4.0
Cash Receipts	000 Dols.	47	42
Value of Chickens Consumed	000 Dols.	42	37
Gross Income	000 Dols.	89	79
EGGS			
Average Number of Layers During Year	000 Birds	409	383
Eggs per Layer	Number	232	233
Eggs Produced	Mil.Eggs	95	89
Eggs Consumed on Farms	Mil.Eggs	10	10
Eggs Sold	Mil.Eggs	85	79
Price per Dozen	Cents	34.0	38.0
Cash Receipts	000 Dols.	2,408	2,502
Value of Eggs Consumed on Farm	000 Dols.	283	317
Gross Income	000 Dols.	2,691	2,819

TURKEYS: Production and Income, North Dakota, 1978-79

Turkeys	Unit	1978	1/1979
Number Raised 2/	000 Head	950	1,020
Production	000 Lbs.	14,820	16,320
Price per Pound	Cents	45.0	43.0
Gross Income	000 Dollars	6,669	7,018

1/ Preliminary. 2/ Based on turkeys hatched September 1 to August 31. Excludes young turkeys lost.

EGG PRODUCTION: Average Number of Layers, Eggs per 100 Layers and Total Egg Production, North Dakota, by Quarters, 1978-79

Quarter Ending	First Day of Month		Number of Eggs Produced
	Average No. of Layers	Production per 100 Layers	
	(000 Layers)	(No.)	(Mil.Eggs)
		1978	
December 2/	430	59.0	23
March	440	62.0	24
June	410	70.0	26
September	380	63.0	24
Annual	3/409	4/232.0	95
		1979	
December 2/	380	59.0	21
March	395	65.0	22
June	388	71.0	25
September	375	58.0	23
Annual	3/383	4/233.0	89

1/ Preliminary. 2/ December preceding year. 3/ Average number of farms. 4/ Annual average per layer.

SHEEP & SLAUGHTER

SHEEP AND LAMBS: Farm Production, Disposition and Income, North Dakota
1974-78 Average, 1978 (Revised) and 1979 (Preliminary)

Item	Unit	Sheep & Lambs 1974-1978 Average	1978			1979		
			Sheep	Lambs	Total	Sheep	Lambs	Total
Number on Hand Beginning of Year	000 Hd.	257			213			198
Lambs Saved	000 Hd.	180			152			143
Inshipments	000 Hd.	13			19			22
Marketings	000 Hd.	172	32	113	145	7	80	87
Farm Slaughter	000 Hd.	1			1			1
Deaths	000 Hd.	45	20	20	40	19	20	39
Number on Hand End of Year	000 Hd.	231			198			236
Production	000 Lbs.	13,387			11,899			11,694
Marketings	000 Lbs.	17,288			15,212			8,387
Price per 100 Pounds	Dollars	37.17	15.50	61.60	49.48	24.50	68.20	63.65
Cash Receipts	000 Dols.	6,271			7,527			5,338
Value of Home Consumption	000 Dols.	111			129			143
Gross Income	000 Dols.	6,382			7,656			5,481

SHEEP SHORN, WOOL PRODUCTION AND PRICE,
North Dakota, 1974-79

Year	Sheep Shorn	Wool Production	Fleece Weight	Price per Pound 1/	Value of Wool Production
	(000 Hd.)	(000 Lbs.)	(Lbs.)	(Dols.)	(000 Dols.)
1974	249	2,315	9.3	.56	1,296
1975	224	2,210	9.9	.35	774
1976	198	1,908	9.6	.59	1,126
1977	179	1,748	9.8	.70	1,224
1978	169	1,670	9.9	.74	1,236
5-Year Avg. (1974-1978)	204	1,970	9.7	.59	1,131
1979	175	1,670	9.5	.82	1,369

1/ Does not include incentive payments.

COMMERCIAL LIVESTOCK SLAUGHTER BY MONTHS, NORTH DAKOTA, 1979 1/

Month	Cattle			Hogs			All Species - Cattle, Hogs, Calves & Sheep	
	Number	Average Live Weight Per Head	Total Live Weight	Number	Average Live Weight Per Head	Total Live Weight	Total Live Weight	Red Meat Production
	(000 Hd.)	(Lbs.)	(000 Lbs.)	(000 Hd.)	(Lbs.)	(000 Lbs.)	(000 Lbs.)	(000 Lbs.)
January	5.3	1,110	5,910	1.9	231	445	6,360	3,045
February	3.9	1,128	4,349	1.3	236	301	4,656	2,321
March	4.5	1,183	5,280	1.7	238	404	5,684	2,827
April	4.6	1,179	5,364	1.8	243	446	5,810	2,869
May	4.4	1,232	5,471	1.6	244	389	5,870	2,785
June	4.9	1,204	5,891	1.8	255	450	6,341	3,001
July	4.4	1,123	4,919	1.8	249	456	5,382	2,566
August	5.2	1,154	5,948	2.0	248	503	6,456	3,057
September	4.2	1,156	4,806	1.9	247	474	5,287	2,532
October	5.2	1,167	6,012	3.4	243	839	6,858	3,310
November	5.4	1,045	5,638	4.7	241	1,131	6,779	3,370
December	5.6	1,077	5,993	3.4	240	806	6,809	3,278
TOTAL	57.3	1,144	65,581	27.4	243	6,645	72,415	34,966

1/ Totals may not add due to rounding.

DAIRY

MILK PRODUCTION, DISPOSITION AND INCOME, North Dakota, 1978 (Revised), 1979 (Prelim.)

Item	Unit	1978	1979
Average Number of Milk Cows on Farms	000 Head	100	95
Production of Milk and Milkfat			
a) Per Cow, Milk	Pounds	9,030	9,200
b) Per Cow, Milkfat	Pounds	324	329
c) Percent of fat in milk	Percent	3.59	3.58
d) Total:			
Milk	Mil.Lbs.	903	874
Milkfat	Mil.Lbs.	32	31
Milk Used on Farms Where Produced			
a) Fed to calves	Mil.Lbs	28	28
b) Used for milk, cream & butter	Mil.Lbs.	15	15
c) Total	Mil.Lbs	43	43
Milk Marketed By Farmers			
1. Sold to plants and dealers			
a) As whole milk	Mil.Lbs.	840	815
b) As farm skimmed-cream	Mil.Lbs.	16	12
2. Retailed by farmers as milk and cream 1/	Mil.Lbs.	4	4
3. Total	Mil.Lbs.	860	831
Milk Sold to Plants and Dealers			
a) Quantity	Mil.Lbs.	840	815
b) Price per 100 Pounds	Dollars	9.55	11.00
c) Cash Receipts	000 Dols.	80,220	89,650
Cream Sold to Plants and Dealers			
a) Quantity	Mil.Lbs.	576	431
b) Price per 100 Pounds	Cents	91	100
c) Cash Receipts	000 Dols.	856	967
Milk Retailed by Producers			
a) Quantity milk equivalent	000 Qts.	1,860	1,860
b) Price per Quart	Cents	46	52
c) Cash Receipts	000 Dols.	856	967
Combined Marketing of Milk and Cream			
a) Milk Utilized	Mil.Lbs.	860	831
b) Average returns			
1. Per 100 lbs. of milk	Dollars	9.49	10.96
2. Per lb. of milkfat	Dollars	2.64	3.06
c) Cash Receipts from marketing	000 Dols.	81,600	91,048
Used for Milk, Cream and Butter on Farms Where Produced			
a) Milk Utilized	Mil.Lbs.	15	15
b) Value	000 Dols.	1,424	1,644
Gross Producer Income 2/	000 Dols.	83,024	92,692
Farm Value of Milk Produced	000 Dols.	85,695	95,790

1/ Sales directly to consumers by producers who sell only milk from their own herds. Also includes milk produced by institutional herds.
2/ Cash receipts plus value of milk used for home consumption.

MILK PRODUCTION: Cows Milked, Production per Cow, and Total Production, North Dakota, by Months, 1978-79

Month	1978 Revised			1979 Preliminary		
	No. of Cows Milked	Production Per Cow	Total Milk Produced	No. of Cows Milked	Production Per Cow	Total Milk Produced
	(000 Hd.)	(Lbs.)	(Mil.Lbs.)	(000 Hd.)	(Lbs.)	(Mil.Lbs.)
Jan.	103	685	71	97	715	69
Feb.	102	660	67	96	690	66
Mar.	101	760	77	96	780	75
Apr.	100	790	79	95	800	76
May	100	940	94	95	900	86
June	100	960	96	95	950	90
July	100	920	92	94	915	86
Aug.	99	780	77	94	820	77
Sept.	98	645	63	93	690	64
Oct.	98	625	61	93	645	60
Nov.	97	620	60	93	635	59
Dec.	96	690	66	93	710	66
ANNUAL	1/100	9,030	903	1/95	9,200	874

1/ Average number on farms during year.

NATURAL CHEESE & CREAMERY BUTTER PRODUCTION North Dakota, 1977-78

Month	Natural Cheese		Creamery Butter	
	1977	1978	1977	1978
	- - - - - - - Thousand Pounds - - - - - - -			
January	4,072	3,990	544	580
February	3,656	3,746	517	554
March	4,491	4,208	523	565
April	4,822	4,295	546	550
May	5,783	5,259	666	591
June	5,951	5,890	730	632
July	5,144	5,215	572	467
August	4,689	4,207	560	450
September	3,785	3,302	468	399
October	3,657	3,184	453	440
November	3,495	3,121	464	417
December	3,898	3,359	547	454
Total	53,443	49,776	6,590	6,099

Source: See table below.

MANUFACTURED DAIRY PRODUCTS PRODUCTION North Dakota, 1977-78

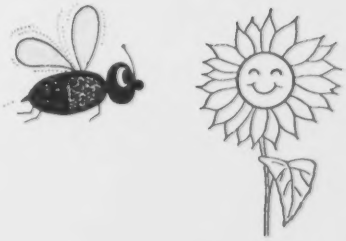
Item	Unit	1977	1978
Creamery Butter	000 Lbs.	6,590	6,099
Cheese (excludes cottage cheese)	000 Lbs.	53,443	49,776
Cottage Cheese Creamed	000 Lbs.	2,612	3,321
Lowfat Cottage Cheese	000 Lbs.	944	1,417
Non-Fat Dry Milk: Human Food	000 Lbs.	6,167	4,983
Dry Buttermilk	000 Lbs.	440	417
Ice Cream	000 Gal.	2,568	2,432
Ice Milk	000 Gal.	1,171	1,069
Milk Sherbet	000 Gal.	122	129
Ice Cream Mix	000 Gal.	1,283	1,231
Ice Milk Mix	000 Gal.	510	506
Milk Sherbet Mix	000 Gal.	81	79

Source: N. D. State Dairy Commissioner and N. D. Crop and Livestock Reporting Service cooperating.

HONEY

Honey and Beeswax

The year 1979 set records for honey and beeswax production. A total 22,800,000 pounds of honey was produced in 1979, 11 percent more than the previous year. Colony numbers continued their upward trend rising to 190,000, 19 percent greater than last year and a record high for the State. Just eight years ago there were only 59,000 colonies. A late spring and cooler temperatures contributed to a drop in yield per colony to 120 pounds compared with 128 pounds in 1978. A record beeswax production of 365,000 pounds was produced in 1979, up 5 percent from last year. There were 3,648,000 pounds of honey on hand for sale December 15, 1979, 40 percent higher than last year. Total value of honey production, at 11,833,000, was up 23 percent and the value of beeswax production was up 6 percent to $668,000.



COLONIES OF BEES, HONEY AND BEESWAX PRODUCTION AND PRICES, NORTH DAKOTA, 1960-79

Year	Honey						Beeswax		
	Colonies	Yield Per Colony	Production	Price Per Pound	Total Value	Stocks On Hand	Production	Price Per Pound	Total Value
	(000)	(Lbs.)	(000 Lbs.)	(Dollars)	(000 Dols.)	(000 Lbs.)	(000 Lbs.)	(Dols.)	(000 Lbs.)
1960	33	94	3,102	.154	478	248	50	.45	22
1961	36	104	3,744	.151	565	599	60	.46	28
1962	35	103	3,605	.137	494	216	65	.46	30
1963	38	128	4,864	.145	705	146	83	.47	39
1964	39	92	3,588	.148	531	323	65	.47	31
1965	41	98	4,018	.140	563	161	76	.46	35
1966	46	115	5,290	.132	698	317	90	.48	43
1967	52	102	5,304	.136	721	636	85	.66	56
1968	55	90	4,950	.137	678	693	89	.65	58
1969	53	125	6,625	.146	967	1,855	113	.64	72
1970	58	113	6,554	.162	1,062	2,425	131	.64	84
1971	59	77	4,543	.214	972	1,531	95	.64	61
1972	63	142	8,946	.281	2,514	1,789	175	.62	109
1973	72	100	7,200	.440	3,168	1,440	122	.83	101
1974	80	80	6,400	.490	3,136	600	166	1.25	208
1975	100	94	9,400	.463	4,352	1,974	132	1.08	143
1976	125	120	15,000	.492	7,380	2,325	225	1.15	259
1977	136	88	11,968	.490	5,864	1,077	168	1.63	274
1978	160	128	20,480	.471	9,646	2,600	348	1.81	630
1979	190	120	22,800	.519	11,833	3,648	365	1.83	668

HONEY: AVERAGE PRICE PER POUND RECEIVED BY PRODUCERS, 1975-79

Year	Wholesale Extracted Honey							Retail
	Unprocessed Bulk			Processed Bulk	Total Bulk	Processed Packaged	All Wholesale	Extracted Honey Processed Package
	55 Gal Cont.	60 Lb. Cont.	All Cont.	55 Gal. Cont.	All Cont.			
	- - - - - - - - - - - - - - - - Dollars - - - - - - - - - - - - - - - -							
1975	.46	.52	.46	---	.46	.68	.46	.73
1976	.44	.56	.49	---	.49	.65	.49	.72
1977	.44	.56	.49	---	.49	.67	.49	.72
1978	.46	.47	.47	---	.47	.75	.47	.77
1979	.50	.52	.50	.64	.51	.72	.51	.81

ALL CATTLE ON NORTH DAKOTA FARMS BY COUNTIES, 5-YEAR AVERAGE, JANUARY 1 NUMBERS AND VALUE, 1979-80

MILK COWS ON NORTH DAKOTA FARMS by Counties, January 1, 1979-80

District and County	5-Year Average 1/1975-79	Number on Farms			5-Year Average 1/1975-79	Number on Farms		
		1978	1979	1980		1978	1979	1980
	- - - Number of Head - - -				- - - Number of Head - - -			
Burke	19,000	17,000	15,000	16,000	600	600	600	600
Divide	19,000	18,000	16,000	16,000	300	300	300	300
Mountrail	42,000	39,000	36,000	37,000	1,600	1,500	1,300	1,200
Renville	11,000	10,000	9,000	10,000	900	900	800	800
Ward	49,000	43,000	43,000	44,000	3,700	3,500	3,000	2,600
Williams	44,000	39,000	36,000	37,000	500	600	500	500
Northwest	184,000	166,000	155,000	160,000	7,600	7,400	6,500	6,000
Benson	39,000	35,000	32,000	33,000	1,500	1,400	1,400	1,200
Bottineau	27,000	24,000	23,000	24,000	800	800	700	700
McHenry	79,000	72,000	72,000	76,000	3,300	3,200	2,900	2,700
Pierce	35,000	32,000	31,000	32,000	2,900	2,700	2,600	2,700
Rolette	24,000	22,000	22,000	23,000	800	700	600	600
North Central	204,000	185,000	180,000	188,000	9,300	8,800	8,200	7,900
Cavalier	13,000	11,000	10,000	10,000	600	500	400	400
Grand Forks	21,000	17,000	17,000	17,000	1,200	1,300	1,200	1,200
Nelson	19,000	16,000	16,000	17,000	1,000	900	900	900
Pembina	12,000	11,000	11,000	11,000	400	400	300	300
Ramsey	12,000	10,000	9,000	10,000	600	600	500	500
Towner	9,000	7,000	7,000	8,000	300	300	300	300
Walsh	22,000	21,000	20,000	20,000	1,000	1,000	900	900
Northeast	108,000	93,000	90,000	93,000	5,100	5,000	4,500	4,500
Dunn	97,000	89,000	87,000	86,000	2,600	2,700	2,200	2,000
McKenzie	87,000	82,000	82,000	82,000	600	600	500	600
McLean	50,000	45,000	43,000	43,000	2,700	2,700	2,400	2,200
Mercer	51,000	47,000	45,000	44,000	2,300	2,300	2,000	1,900
Oliver	37,000	36,000	33,000	32,000	2,100	2,100	2,000	2,100
West Central	322,000	299,000	290,000	287,000	10,300	10,400	9,100	8,800
Eddy	24,000	22,000	20,000	19,000	900	900	900	900
Foster	28,000	26,000	25,000	26,000	700	600	600	500
Kidder	78,000	74,000	72,000	76,000	3,400	3,300	3,100	3,000
Sheridan	33,000	29,000	28,000	30,000	2,000	1,800	1,700	1,800
Stutsman	82,000	74,000	71,000	69,000	4,800	4,700	4,300	4,000
Wells	40,000	36,000	35,000	36,000	1,900	1,800	1,600	1,500
Central	285,000	261,000	251,000	256,000	13,700	13,100	12,200	11,700
Barnes	47,000	40,000	36,000	37,000	2,300	2,100	1,900	1,700
Cass	37,000	33,000	33,000	32,000	1,500	1,400	1,300	1,300
Griggs	22,000	20,000	19,000	18,000	1,000	900	900	900
Steele	10,000	9,000	8,000	8,000	500	400	400	500
Traill	12,000	11,000	11,000	12,000	900	800	800	700
East Central	128,000	113,000	107,000	107,000	6,200	5,600	5,300	5,100
Adams	39,000	33,000	31,000	30,000	1,000	1,000	900	800
Billings	32,000	31,000	29,000	28,000	400	300	300	300
Bowman	36,000	30,000	29,000	28,000	500	500	500	500
Golden Valley	25,000	21,000	19,000	18,000	1,000	900	800	800
Hettinger	35,000	33,000	31,000	32,000	2,300	2,200	2,200	1,900
Slope	32,000	28,000	27,000	26,000	500	500	500	400
Stark	69,000	63,000	63,000	66,000	5,600	5,500	4,900	4,400
Southwest	268,000	239,000	229,000	228,000	11,300	10,900	10,100	9,100
Burleigh	67,000	58,000	58,000	60,000	2,300	2,100	2,000	1,800
Emmons	70,000	65,000	64,000	66,000	5,600	5,300	5,200	5,200
Grant	74,000	69,000	68,000	72,000	4,100	4,100	3,900	3,600
Morton	112,000	106,000	100,000	97,000	8,600	8,600	8,800	8,200
Sioux	43,000	41,000	37,000	39,000	1,100	1,100	1,000	1,000
South Central	366,000	339,000	327,000	334,000	21,700	21,200	20,900	19,800
Dickey	71,000	66,000	65,000	66,000	2,300	2,300	2,200	2,000
LaMoure	53,000	47,000	44,000	44,000	4,400	4,300	4,100	3,700
Logan	56,000	54,000	54,000	59,000	4,300	4,200	3,800	3,800
McIntosh	53,000	48,000	46,000	45,000	4,600	4,600	4,300	4,300
Ransom	47,000	46,000	43,000	45,000	1,200	1,100	1,000	900
Richland	52,000	44,000	41,000	42,000	3,200	3,100	2,900	2,600
Sargent	54,000	50,000	45,000	46,000	1,900	2,000	1,900	1,800
Southeast	386,000	355,000	338,000	347,000	21,900	21,600	20,200	19,100
STATE	2,251,000	2,050,000	1,967,000	2,000,000	107,100	104,000	97,000	92,000

1/ Totals may not add due to rounding.

June 1980

ALL HOGS AND PIGS ON NORTH DAKOTA FARMS BY COUNTIES
5-Year Average, December 1 Numbers and Value, 1977-79

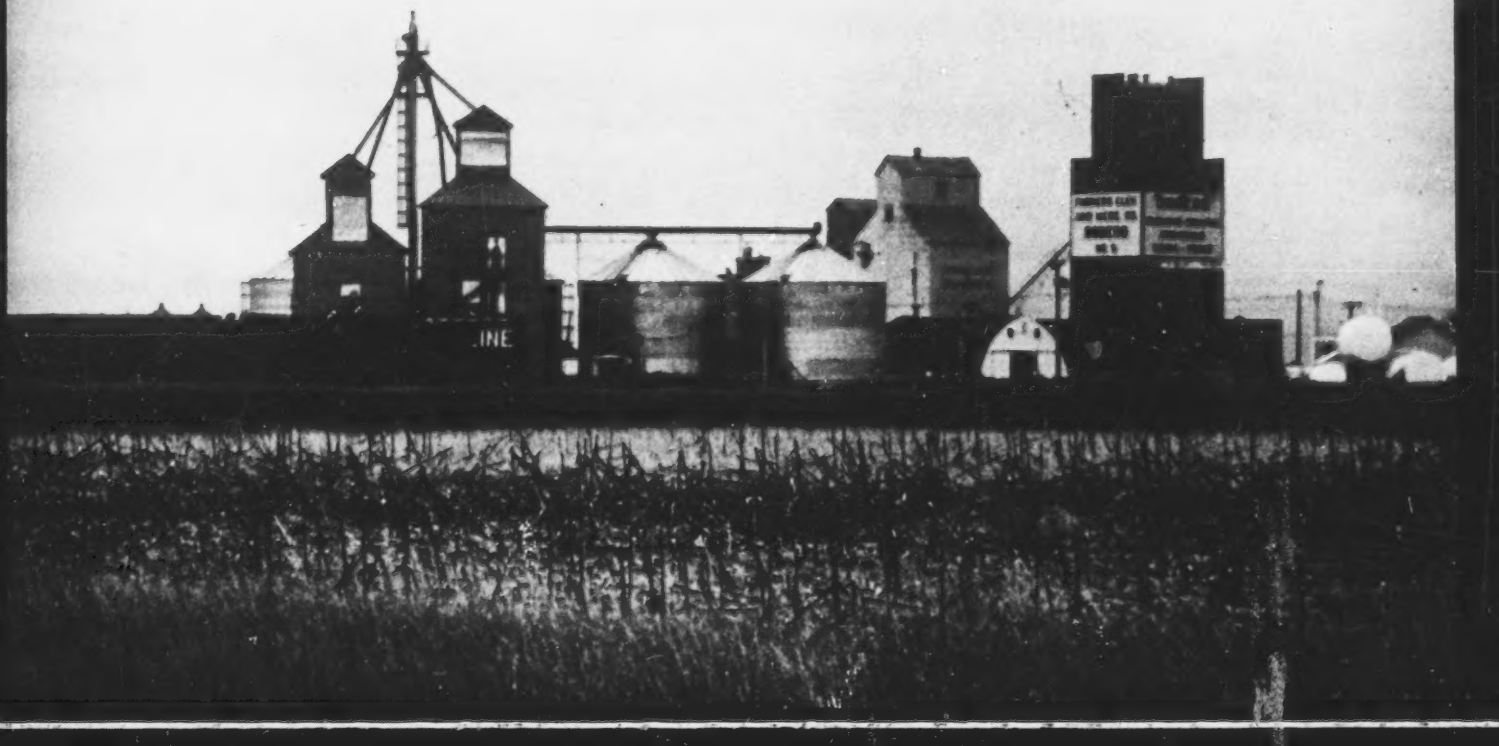
ALL SHEEP ON NORTH DAKOTA FARMS BY COUNTIES, January 1, 1978-80

District and County	5-Year Average 1/ 1974-78	Number on Farms			5-Year Average 1/ 1975-79	Number on Farms		
		1977	1978	1979		1978	1979	1980
	--- Number of Head ---							
Burke	700	700	700	800	2,900	2,500	2,000	2,500
Divide	2,400	2,400	2,400	2,600	2,000	1,600	1,400	1,800
Mountrail	1,400	1,000	1,200	1,400	4,600	4,200	3,700	4,500
Renville	1,200	1,000	1,000	1,100	1,000	800	800	1,000
Ward	3,700	3,600	3,500	3,900	3,600	4,200	3,500	4,200
Williams	1,800	1,500	1,800	2,000	6,400	3,900	3,700	4,400
Northwest	11,200	10,200	10,600	11,800	20,500	17,200	15,100	18,400
Benson	5,100	5,000	4,700	5,500	3,500	3,000	2,000	2,400
Bottineau	3,000	2,500	2,900	3,200	4,100	3,800	3,400	3,900
McHenry	6,100	5,400	5,000	5,500	3,200	3,200	3,000	3,700
Pierce	1,200	800	900	1,000	1,800	1,600	1,400	1,700
Rolette	2,000	1,900	2,100	2,400	2,600	2,700	2,500	3,100
North Central	17,400	15,600	15,600	17,600	15,200	14,300	12,300	14,800
Cavalier	4,900	5,200	6,000	6,600	700	800	700	900
Grand Forks	4,500	4,100	4,500	5,000	4,300	4,100	3,300	4,000
Nelson	3,400	3,900	3,900	4,200	3,500	3,200	2,900	3,500
Pembina	8,000	8,400	8,800	9,800	2,200	2,200	1,600	2,000
Ramsey	1,600	1,400	1,600	1,800	1,900	1,900	1,400	1,700
Towner	2,000	2,000	1,900	2,000	2,900	2,500	2,000	2,400
Walsh	7,200	7,300	7,000	7,600	1,400	1,200	1,000	1,200
Northeast	31,600	32,300	33,700	37,000	16,900	15,900	12,900	15,700
Dunn	4,900	4,400	4,400	4,800	2,500	2,000	2,300	3,100
McKenzie	2,200	1,900	1,700	1,800	22,800	17,500	21,000	19,000
McLean	5,300	4,800	4,800	5,200	2,300	2,100	1,900	2,500
Mercer	2,900	2,500	2,500	2,700	1,700	1,700	1,300	1,700
Oliver	6,000	6,000	5,700	6,200	1,600	2,000	1,700	2,300
West Central	21,300	19,600	19,100	20,700	30,900	25,300	28,200	28,600
Eddy	1,500	1,200	1,400	1,600	6,200	6,000	4,900	6,100
Foster	3,000	2,700	3,200	3,700	4,000	3,400	3,100	4,000
Kidder	4,100	3,500	3,800	4,300	10,100	10,500	9,400	11,000
Sheridan	1,900	2,100	2,500	2,900	800	900	800	1,000
Stutsman	9,500	9,600	10,000	11,000	9,700	9,400	7,200	8,700
Wells	3,400	2,900	3,400	3,800	4,700	4,400	4,000	5,000
Central	23,400	22,000	24,300	27,300	35,500	34,600	29,400	35,800
Barnes	15,100	14,300	16,000	17,600	2,800	3,200	2,400	3,000
Cass	27,900	26,000	29,000	30,500	9,100	8,900	7,300	9,100
Griggs	2,700	2,700	2,700	3,000	1,900	2,000	1,800	2,400
Steele	1,600	1,600	1,600	1,700	3,200	3,600	3,300	4,000
Traill	5,900	5,600	5,400	5,800	1,800	1,900	1,700	2,300
East Central	53,200	50,200	54,700	58,600	18,800	19,600	16,500	20,800
Adams	3,200	3,100	2,700	3,000	5,200	5,700	5,400	7,200
Billings	700	600	600	700	300	200	200	300
Bowman	2,000	1,700	1,800	2,000	24,800	19,500	19,000	23,000
Golden Valley	4,100	4,300	4,500	5,000	2,000	1,700	2,000	2,400
Hettinger	7,400	8,000	7,600	8,500	1,000	1,100	1,200	1,600
Slope	2,800	3,500	3,000	3,300	4,400	3,100	3,300	4,000
Stark	8,200	8,200	8,500	9,400	3,400	3,200	3,400	4,100
Southwest	28,400	29,400	28,700	31,900	41,100	34,500	34,500	42,600
Burleigh	12,000	11,800	11,000	12,100	1,800	2,200	2,000	3,000
Emmons	7,500	7,200	7,600	8,500	2,500	2,400	2,400	3,000
Grant	12,300	12,200	14,000	15,700	7,700	8,000	7,000	8,600
Morton	14,800	14,500	14,500	16,200	5,600	6,000	5,600	7,000
Sioux	1,700	1,600	1,700	1,900	1,000	1,000	900	1,000
South Central	48,300	47,300	48,800	54,400	18,600	19,600	17,900	22,600
Dickey	17,600	17,600	19,000	21,000	8,100	8,500	7,700	8,800
LaMoure	10,800	12,000	12,000	13,400	5,800	5,500	5,700	6,600
Logan	1,500	1,500	1,800	2,000	2,300	2,400	2,000	2,600
McIntosh	3,100	2,600	2,700	3,000	2,100	2,100	1,900	2,500
Ransom	12,200	11,500	12,000	13,300	6,700	6,000	6,200	7,000
Richland	33,000	31,000	34,000	38,000	2,800	2,500	2,600	3,200
Sargent	18,100	17,200	18,000	20,000	5,700	5,000	5,100	6,000
Southeast	96,300	93,400	99,500	110,700	33,500	32,000	31,200	36,700
STATE	331,100	320,000	335,000	370,000	231,000	213,000	198,000	236,000

1/ Totals may not add due to rounding.

June 1980

PRICES



NORTH DAKOTA PRICES

Season average prices for most crops in the State continued to rise in 1979 compared to the previous year. Sunflower, soybeans, corn and flaxseed were the only crops to experience price declines in 1979. The price of dry edible beans was up 76 percent from the average for the previous year. The average price for durum wheat increased 47 percent, while the all wheat price was up 34 percent. Other crops showed more modest increases. Annual average prices for livestock and products climbed in 1979 with the exception of hogs and turkeys. Milk cows and sheep showed the largest price increases with jumps of 68 and 58 percent, respectively.

Season average prices for crops are computed by weighting monthly sales by the estimated percentage of sales made each month during the marketing year. These prices include allowances for unredeemed loans and government purchases, if any. Calendar year averages are simple averages of the monthly prices listed below.

Annual average prices for livestock are computed by weighting monthly prices by the estimated percentage of the calendar year sales made each month.

Prices received by farmers relate to the average price the farmer received for his product -- generally at the point of first sale -- and ranging from sales at the farm to delivered. The average price concept is the same as dividing the total dollars received by all farms by the total quantity of the commodity sold. Milk is an exception and is priced F.O.B. plant or receiving station.

Since 1977, a probability sample of mill and elevators has been used to collect prices received by farmers for sales for the entire month on five major crops, wheat, oats, barley, soybeans, and flaxseed. Sunflower was added in October 1979. These prices reflect actual purchases, including any premiums and discounts paid during the month. Similar procedures were implemented for livestock in the fall of 1979. Sheep and cattle prices have been revised to the entire month, starting with August, 1979.

Other prices, including livestock prices before August, 1979, are mid-month prices obtained monthly from a survey of buyers and sellers during a 5-day period centered on the 15th of the month. For potatoes, milk sold to plants, and wool, the average covered the entire month rather than the 5-day mid-month period.

Prices Received Index

The prices received index for all farm products, at 242 percent of the 1966-68 base in 1979, is 45 points (23 percent) higher than the 1978 average.

The all crops index climbed 35 points (19 percent) to 218, and the livestock and products index jumped 62 points (28 percent) to 283 percent of the 1966-68 base.

MONTHLY AND AVERAGE PRICES RECEIVED BY NORTH DAKOTA FARMERS
FOR SELECTED CROPS, NORTH DAKOTA, 1978-79 1/

Commodity	Year 2/	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Cal.Yr. Avg. 3/
		------Dollars per Bushel------												
All Wheat	1978	2.65	2.67	2.62	2.75	2.78	2.79	2.70	2.69	2.74	2.81	2.89	2.82	2.74
	1979	2.77	2.78	2.84	2.84	3.07	3.55	3.70	3.66	3.91	4.23	4.03	3.74	3.43
Other Spring Wheat	1978	2.48	2.48	2.52	2.65	2.69	2.69	2.64	2.63	2.69	2.78	2.85	2.79	2.66
	1979	2.74	2.72	2.78	2.78	3.05	3.47	3.56	3.54	3.61	3.67	3.56	3.53	3.25
Durum Wheat	1978	2.85	2.83	2.79	2.92	2.96	2.95	2.82	2.83	2.82	2.88	2.93	2.88	2.87
	1979	2.81	2.89	2.96	2.97	3.13	3.72	4.02	3.90	4.32	4.85	4.64	4.31	3.71
Oats	1978	1.06	1.08	1.04	1.08	1.14	1.05	.98	.92	.93	.95	.98	.98	1.02
	1979	1.03	1.07	1.05	1.05	1.08	1.20	1.16	1.05	1.05	1.07	1.17	1.10	1.09
All Barley	1978	1.70	1.74	1.72	1.84	1.87	1.85	1.68	1.66	1.70	1.76	1.85	1.86	1.77
	1979	1.83	1.77	1.85	1.93	1.99	2.10	2.11	2.12	2.18	2.30	2.21	2.17	2.05
Barley, Feed	1978	1.54	1.55	1.56	1.65	1.61	1.64	1.41	1.45	1.43	1.52	1.47	1.47	1.53
	1979	1.49	1.52	1.56	1.45	1.55	1.73	2.00	1.74	1.94	1.83	1.74	1.88	1.70
Barley, Malting	1978	1.80	1.78	1.77	1.86	1.94	1.88	1.73	1.72	1.74	1.81	1.87	1.88	1.82
	1979	1.86	1.81	1.87	1.95	2.00	2.12	2.14	2.16	2.22	2.34	2.28	2.22	2.08
Flax	1978	4.20	4.99	4.37	4.78	5.14	5.85	5.32	5.42	5.24	5.14	5.40	5.24	5.01
	1979	5.59	6.12	6.28	7.07	7.22	7.19	6.78	6.45	6.18	5.38	5.39	5.48	6.26
Soybeans	1978	5.28	5.49	5.62	6.50	6.34	6.28	6.12	6.00	5.89	6.06	5.73	5.65	5.91
	1979	6.21	6.49	6.94	6.80	6.78	7.05	7.06	6.60	6.02	5.98	6.14	5.67	6.48
Dry Beans 4/	1978	18.50	16.00	14.80	14.20	12.10	12.30	12.80	16.50	11.20	14.00	13.00	14.50	14.16
	1979	14.00	14.00	14.00	14.30	16.50	19.50	--	--	18.00	19.30	22.40	25.40	17.74
Potatoes 4/	1978	2.65	2.75	2.75	2.85	2.85	3.00	--	--	2.70	2.10	2.40	2.60	2.67
	1979	2.50	2.55	2.50	2.60	2.70	--	--	--	2.40	2.35	2.65	3.40	2.63
All Hay, Baled 5/	1978	44.00	46.00	50.00	52.00	48.00	41.50	40.00	38.00	34.50	31.00	31.50	33.50	40.83
	1979	34.50	36.00	37.50	38.50	34.00	39.50	39.00	42.00	39.50	38.00	37.50	38.50	37.88
Alfalfa Hay, Baled 5/	1978	48.00	50.00	55.50	57.00	53.00	46.00	44.00	41.00	37.00	33.00	34.50	36.00	44.58
	1979	37.00	38.50	40.00	41.00	37.00	42.50	41.00	44.50	41.50	41.50	40.00	42.50	40.58
Other Hay, Baled 5/	1978	39.00	41.50	44.00	46.50	42.00	36.50	35.00	31.50	29.00	27.00	26.00	28.50	35.54
	1979	30.00	31.00	32.50	33.50	29.00	33.50	35.00	37.00	36.00	32.00	33.50	31.50	32.88

1/ Monthly prices are open market prices and do not make an allowance for unredeemed loans. 2/ 1978 revised, 1979 preliminary.
3/ See page 75 for season average prices. 4/ Dollars per hundredweight. 5/ Dollars per ton.

SEASON AVERAGE PRICES RECEIVED BY FARMERS FOR SELECTED CROPS BY CROP REPORTING DISTRICTS, NORTH DAKOTA, CROPS OF 1973-79 1/

Crop	Crop Year	Northwest	North Central	Northeast	West Central	Central	East Central	Southwest	South Central	Southeast	State Season Average
		--- Dollars per Bushel ---									
All Wheat	1978	2.77	2.90	2.90	2.79	2.88	2.95	2.68	2.70	2.96	2.84
	2/1979										3.80
Durum Wheat	1973	6.27	6.14	6.05	6.19	6.24	5.89	6.20	6.21	6.21	6.17
	1974	5.93	5.94	6.00	5.87	6.09	5.96	5.93	5.97	6.02	5.97
	1975	4.56	4.68	4.70	4.59	4.68	4.72	4.54	4.47	4.71	4.65
	1976	2.34	2.52	2.52	2.49	2.53	2.56	2.45	2.40	2.54	2.47
	1977	2.63	2.62	2.63	2.61	2.84	2.91	2.75	2.96	2.87	2.66
	1978	2.83	2.97	2.99	3.19	2.98	2.97	2.86	2.88	3.04	2.93
	2/1979										4.30
Spring Wheat Other Than Durum	1973	4.23	4.18	4.26	4.21	4.38	4.33	4.24	4.27	4.40	4.28
	1974	4.28	4.32	4.38	4.42	4.58	4.51	4.42	4.46	4.60	4.45
	1975	3.84	3.99	3.95	4.03	4.12	4.11	3.98	4.18	4.24	4.05
	1976	2.47	2.68	2.66	2.60	2.76	2.76	2.54	2.66	2.83	2.67
	1977	2.26	2.31	2.39	2.38	2.50	2.51	2.36	2.47	2.64	2.40
	1978	2.69	2.77	2.84	2.71	2.83	2.95	2.65	2.67	2.94	2.80
	2/1979										3.55
Oats	1973	1.08	1.05	1.09	1.05	1.13	1.12	1.08	1.05	1.19	1.10
	1974	1.38	1.34	1.35	1.40	1.43	1.44	1.47	1.42	1.44	1.41
	1975	1.31	1.26	1.31	1.29	1.34	1.37	1.36	1.25	1.38	1.32
	1976	1.28	1.33	1.37	1.31	1.40	1.43	1.31	1.38	1.48	1.37
	1977	.92	.93	.94	.91	.91	.96	1.05	1.10	1.00	.94
	1978	.97	.94	1.01	.97	1.00	1.03	1.04	.92	1.03	1.00
	2/1979										1.10
Malting Barley	1973	2.28	2.25	2.23	2.03	2.30	2.36	---	---	2.23	2.26
	1974	3.44	3.46	3.41	3.21	3.48	3.51	3.20	3.10	3.33	3.42
	1975	2.64	2.71	2.74	2.55	2.86	2.85	2.02	2.36	2.75	2.61
	1976	2.40	2.47	2.32	2.36	2.51	2.49	2.14	2.35	2.54	2.41
	1977	1.60	1.65	1.70	1.78	1.74	1.68	---	---	1.95	1.69
	1978	1.73	1.75	1.77	1.84	1.84	1.95	---	1.99	1.90	1.82
Feed Barley	1973	1.87	1.85	1.78	1.76	1.84	1.84	1.88	1.79	1.81	1.82
	1974	2.26	2.22	2.22	2.24	2.30	2.28	2.33	2.29	2.28	2.27
	1975	1.91	1.89	1.98	1.86	2.02	2.08	2.10	2.01	1.97	1.98
	1976	1.79	2.02	1.95	1.95	1.97	2.03	2.04	2.08	2.04	1.99
	1977	1.27	1.19	1.31	1.33	1.23	1.40	1.49	1.33	1.31	1.32
	1978	1.44	1.39	1.41	1.45	1.41	1.46	1.47	1.34	1.48	1.44
All Barley	1973	2.06	2.17	2.07	1.87	2.18	2.23	1.88	1.79	2.06	2.09
	1974	2.89	3.27	3.16	2.60	3.27	3.35	2.48	2.45	2.71	3.10
	1975	2.27	2.58	2.60	2.25	2.69	2.69	2.10	2.02	2.26	2.55
	1976	2.15	2.40	2.22	2.17	2.32	2.26	2.05	2.09	2.18	2.24
	1977	1.45	1.50	1.59	1.36	1.49	1.51	1.49	1.35	1.62	1.54
	1978	1.69	1.74	1.74	1.55	1.83	1.90	1.47	1.38	1.84	1.78
	2/1979										2.10
Flaxseed	1973	7.64	7.57	7.59	7.54	7.62	7.67	7.05	7.54	7.73	7.62
	1974	9.40	9.55	9.60	9.55	9.77	9.55	9.30	9.42	9.68	9.60
	1975	6.30	6.51	6.51	6.42	6.57	6.54	6.19	6.48	6.55	6.51
	1976	7.00	7.23	7.31	7.11	7.17	7.22	7.00	7.06	7.23	7.18
	1977	4.41	5.02	4.30	3.98	4.52	4.34	4.42	4.59	5.17	4.64
	1978	5.79	5.81	6.20	5.78	5.94	6.03	5.41	5.58	5.73	5.84
	2/1979										5.80

1/ Includes allowances for loans outstanding and purchases by the government valued at the average loan and purchase rate. Does not include government payments under the disaster and deficiency payments program. 2/ Preliminary - District prices not available at this time.

SEASON AVERAGE PRICES RECEIVED BY FARMERS FOR OTHER CROPS, NORTH DAKOTA, 1974-79

Year	Rye	Corn	Soybeans	All Hay Baled	Alfalfa Seed	Potatoes	Sugar Beets 1/	Dry Beans	Sunflower
	(Bu.)	(Bu.)	(Bu.)	(Ton)	(Cwt.)	(Cwt.)	(Ton)	(Cwt.)	(Cwt.)
					--- Dollars ---				
1974	2.53	3.07	6.00	41.50	56.00	3.15	38.70	23.90	15.51
1975	2.34	2.52	4.99	36.00	50.00	4.20	28.50	14.70	10.80
1976	2.40	2.19	7.30	45.50	84.00	3.45	19.70	11.20	11.10
1977	1.80	1.97	5.83	44.00	102.00	2.70	21.40	15.80	10.60
1978	1.69	2.06	6.75	36.00	91.00	2.60	22.90	13.50	10.40
1979 2/	1.70	1.95	5.50	38.00	88.00	2.80	---	23.70	8.89

1/ Does not include government payments. 2/ Preliminary.

June 1980

AVERAGE PRICES RECEIVED BY FARMERS FOR LIVESTOCK AND LIVESTOCK PRODUCTS, NORTH DAKOTA, 1978-79

Item	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Wtd. Av.
		- - - Dollars per 100 Pounds Live Weight - - -												
Beef Cattle	1978	37.00	39.40	43.20	49.00	52.50	53.50	52.20	52.70	55.40	56.60	53.00	56.90	48.40
	1979	63.40	68.60	72.40	75.60	74.20	69.70	68.70	64.50	67.10	63.80	62.00	66.20	67.70
Steers & Heifers	1978	40.70	42.80	46.40	52.40	55.80	58.20	55.50	56.50	59.60	61.00	57.60	63.00	52.50
	1979	69.10	74.10	78.10	80.80	79.30	75.20	74.60	74.30	73.10	75.70	75.10	77.40	75.60
Cows	1978	25.90	30.20	32.00	35.30	39.10	36.90	38.80	37.60	39.80	41.10	38.50	39.50	34.80
	1979	46.30	50.10	52.30	55.00	54.00	50.30	47.90	44.60	50.80	44.30	43.80	44.40	47.40
Calves	1978	44.60	48.60	51.00	57.50	60.70	61.30	62.20	63.60	69.50	73.60	72.40	76.20	60.10
	1979	83.30	88.10	90.40	89.90	92.70	92.20	89.50	89.70	87,60	88.00	90.40	87.40	88.60
Hogs 1/	1978	42.20	46.40	45.90	44.00	46.50	47.10	43.10	46.10	46.40	49.60	46.80	47.20	45.30
	1979	48.80	51.20	49.40	44.30	43.30	38.40	36.90	33.80	36.00	33.20	31.50	36.00	40.80
Sheep	1978	14.30	14.70	15.60	13.40	12.50	12.70	14.10	14.20	15.80	16.10	15.60	18.30	15.50
	1979	22.60	24.00	24.50	25.00	24.00	23.50	23.00	23.50	25.00	25.00	25.00	26.30	24.50
Lambs	1978	57.10	58.50	62.50	62.20	64.70	60.60	56.40	56.90	63.20	65.50	61.20	66.10	61.60
	1979	77.50	73.30	65.30	68.00	69.00	65.00	64.00	62.40	68.60	65.00	65.50	66.40	68.20
		- - - Dollars per Head - - -												
Milk Cows	1978	435	435	470	520	530	545	575	575	620	670	710	750	570
	1979	800	855	880	920	980	955	985	985	995	1,050	1,090	1,050	960
		- - - Dollars per Hundredweight - - -												
Milk, Wholesale	1978	9.65	9.60	9.60	9.60	9.60	9.60	9.70	10.00	10.30	10.80	10.60	11.40	10.00
	1979	10.80	10.70	10.70	10.70	10.60	10.50	10.70	11.00	11.30	11.50	11.60	11.90	11.00
		- - - Cents per Pound Live Weight - - -												
Farm Chickens 1/	1978	---	---	---	---	---	---	---	---	---	---	---	---	3.6
	1979	---	---	---	---	---	---	---	---	---	---	---	---	4.0
Turkeys	1978	---	---	---	---	---	---	---	---	---	---	---	---	45.0
	1979	---	---	---	---	---	---	---	---	---	---	---	---	43.0
		- - - Cents per Dozen - - -												
Eggs 1/	1978	---	---	---	---	---	---	---	---	---	---	---	---	34.0
	1979	---	---	---	---	---	---	---	---	---	---	---	---	38.0
		- - - Cents per Pound - - -												
Wool	1978	70.0	69.0	71.0	74.0	77.0	73.0	74.0	71.0	71.0	74.0	79.0	75.0	74.0
	1979	79.0	76.0	77.0	84.0	84.0	79.0	88.0	80.0	71.0	77.0	80.0	82.0	82.0
Milkfat	1978	---	---	---	---	---	---	---	---	---	---	---	---	91.0
	1979	---	---	---	---	---	---	---	---	---	---	---	---	102.0

1/ Average is based on marketing year December through November.

AVERAGE FARM WAGE RATES BY QUARTERLY DATES, NORTH DAKOTA, 1978-79

Month	Method of Pay							
	All Hired Workers		By Hour Only		By Cash Wages Only		By Hour Receiving Cash Wages Only	
	1978	1979	1978	1979	1978	1979	1978	1979
	---Dollars per Hour ---							
January	3.30	3.55	3.42	3.66	3.96	1/	3.72	1/
April	3.40	3.22	3.38	3.98	3.46	3.73	3.65	1/
July	3.27	3.21	3.16	3.16	3.46	3.80	3.68	3.65
October	3.56	3.88	1/	4.20	1/	4.10	1/	4.10
Annual Average	3.41	3.45	---	---	---	---	3.85	4.00

1/ Insufficient data for this category.

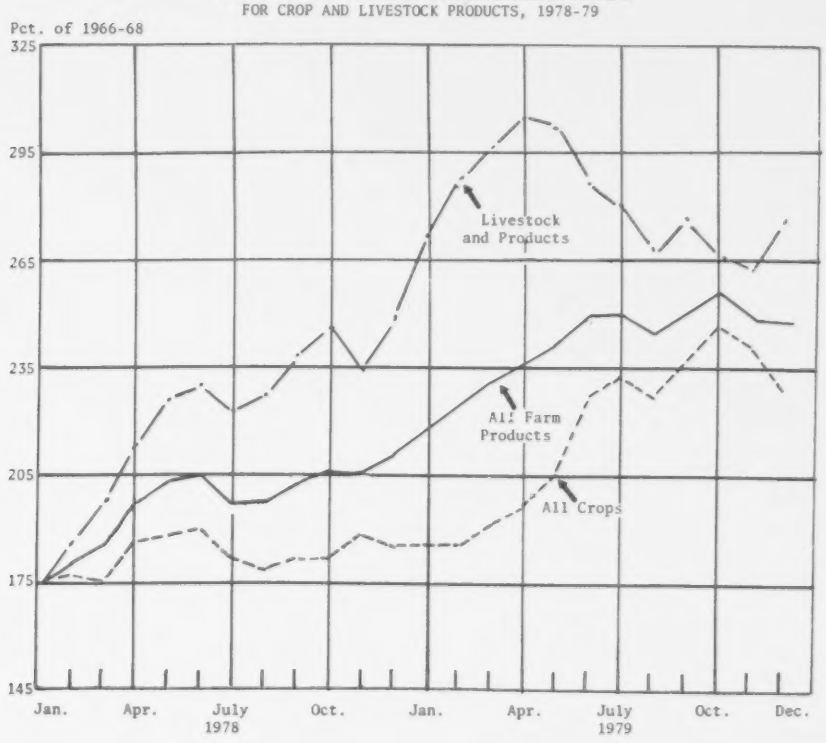
NUMBER OF PEOPLE EMPLOYED ON FARMS BY QUARTERS, NORTH DAKOTA, 1978-79

	January	April	July	October	Annual Average
	--- Thousands ---				
Family Workers					
1978	40	54	71	59	56
1979	43	53	66	56	55
Hired Workers					
1978	2	7	14	14	9
1979	4	7	13	11	9
Total Workers					
1978	42	61	85	73	65
1979	47	60	79	67	64

INDEXES OF PRICES RECEIVED BY FARMERS, BY MONTHS AND CALENDAR YEAR AVERAGE, NORTH DAKOTA, 1978-79

Commodity	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
						(1966 - 68 = 100)							
1978													
Food Grains	172	173	170	179	181	181	175	174	177	182	187	182	178
Feed Grain & Hay	190	194	193	205	208	201	184	179	181	186	194	195	193
Oil Bearing Crops	162	158	169	188	197	215	199	201	195	194	198	193	189
Potatoes	184	191	191	198	198	198	198	198	191	146	167	181	187
Other Field & Seed Crops	183	179	178	177	174	174	175	180	179	183	182	184	179
All Crops	176	177	176	186	189	190	181	179	181	182	189	186	183
Meat Animals	174	187	201	222	237	241	234	238	251	258	243	259	229
Dairy Products	184	183	185	185	185	184	185	190	196	201	204	210	191
Poultry & Eggs	158	152	154	152	156	167	165	167	169	171	177	192	165
Wool	173	171	176	183	191	181	183	176	176	183	196	186	181
All Livestock Products	175	185	197	214	226	229	224	228	239	247	235	249	221
All Farm Products	175	180	184	197	203	204	197	198	203	207	206	210	197
1979													
Food Grains	179	179	183	183	198	220	238	235	251	272	259	241	221
Feed Grains & Hay	195	193	199	206	210	225	225	222	226	235	231	226	216
Oil Bearing Crops	208	224	233	253	257	258	247	234	222	200	202	200	228
Potatoes	174	177	174	181	188	188	188	188	167	163	184	236	184
Other Field & Seed Crops	183	183	183	183	186	190	190	190	178	185	189	191	186
All Crops	186	187	192	196	206	228	232	228	236	248	241	230	218
Meat Animals	287	307	319	328	324	305	300	284	294	281	275	290	300
Dairy Products	215	213	213	213	212	210	213	218	222	225	227	231	218
Poultry & Eggs	184	184	177	177	173	173	163	163	163	171	183	183	175
Wool	196	188	191	208	208	196	218	198	176	191	198	203	198
All Livestock Products	272	289	298	305	302	286	282	269	278	268	264	277	283
All Farm Products	219	226	232	237	242	250	251	244	252	256	249	248	242

INDEX OF PRICES RECEIVED BY NORTH DAKOTA FARMERS FOR CROP AND LIVESTOCK PRODUCTS, 1978-79



MID-MONTH AVERAGE PRICES PAID BY FARMERS FOR PRODUCTION ITEMS, NORTH DAKOTA, 1978-79

Item	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Ann. Av.
FEEDS		- - - Dollars Per Hundredweight - - -												
Soybean Meal	1978	12.00	11.50	11.50	12.50	12.50	12.50	12.00	12.00	12.00	12.00	12.50	12.50	12.13
	1979	13.00	13.00	13.50	13.00	13.50	13.50	14.00	14.50	14.00	13.50	13.50	14.00	13.58
Hog Grower, 14-18% Protein	1978	7.10	7.20	7.10	7.70	7.80	8.50	8.20	7.80	7.10	7.40	7.50	7.50	7.58
	1979	7.90	8.00	8.00	7.90	8.60	8.80	9.40	8.90	8.50	8.50	8.90	8.70	8.51
Beef Concentrate, 32-36% Protein	1978	8.60	8.10	7.70	8.50	8.40	8.30	8.50	7.90	7.40	7.90	7.90	7.70	8.08
	1979	8.20	9.10	9.60	9.00	8.70	9.10	9.70	9.20	9.10	9.30	9.60	9.80	9.20
		- - - Dollars per Ton - - -												
Dairy Feed 16% Protein	1978	130	129	131	130	136	145	138	135	130	138	144	140	136
	1979	142	147	140	135	141	143	153	149	146	158	160	160	148
Laying Feed	1978	173	173	173	181	181	184	185	175	170	172	181	181	177
	1979	182	184	188	180	180	188	196	193	194	192	197	195	187
PETROLEUM PRODUCTS		- - - Cents per Gallon - - -												
Gasoline, Unleaded Filling Station	1978	.660	.660	.650	.650	.660	.670	.670	.680	.690	.690	.690	.700	.673
	1979	.720	.730	.750	.790	.830	.860	.910	.970	1.000	1.030	1.040	1.070	.892
Gasoline Regular Bulk Delivery	1978	.590	.590	.590	.600	.600	.600	.610	.620	.630	.630	.630	.640	.611
	1979	.650	.670	.680	.710	.750	.770	.820	.880	.930	.930	.950	.980	.810
Diesel Fuel	1978	.460	.460	.460	.460	.470	.470	.470	.470	.470	.480	.480	.500	.471
	1979	.510	.520	.550	.590	.630	.670	.730	.780	.850	.850	.870	.890	.703

ANNUAL AVERAGE PRICES PAID BY FARMERS FOR PRODUCTION ITEMS, NORTH DAKOTA, 1978-79

Item	1978	1979	Item	1978	1979
	-- Dollars --			-- Dollars --	
FEEDS			PETROLEUM PRODUCTS AND MOTOR SUPPLIES		
Turkey Grower, per ton	183.00	199.00	L. P. Gas, Propane, Butane, etc., per gallon	.385	.413
Dairy Feed, 14% Protein, per ton	128.00	140.00			
Dairy Feed, 32% Protein, per ton	193.00	214.00			
Hog Concentrates, 38-42% Protein, per 100 pounds	12.75	14.17	Motor Oil, regular, non-detergent, per gallon	1.90	2.23
Bran, per 100 pounds	7.54	8.46	Motor Oil, heavy duty, detergent, per gallon	2.23	2.55
Middlings, per 100 pounds	5.08	6.38	Motor Oil, all weather, high detergent, per gallon	2.49	2.84
Corn Meal, per 100 pounds	4.35	5.63			
Molasses, Liquid, per 100 pounds	5.57	7.70			
Stock Salt, per 100 pounds	4.15	4.58	Storage Batteries, CPR 220-310 amps, each	40.95	47.00
Alfalfa Meal, per 100 pounds	7.21	7.51	Storage Batteries, CPR 315-500 amps, each	51.25	60.50
			Spark Plugs, each	1.48	1.53
SEED, RETAIL					
Alfalfa, Uncertified, per 100 pounds	162.00	180.00	Tires, Auto, tubeless, bias-belted, size G78-15, each	43.73	47.00
Alfalfa, Certified, per 100 pounds	181.50	217.50	Tires, Auto, Tubeless, radial, steel belted, GR 78-15, each	67.00	71.75
Potatoes, per 100 pounds	3.25	3.10	Tires, Truck, 7.00x15, 6-ply, each	48.63	53.75
Wheat, Spring, per bushel	5.20	5.75	Tires, Tractor, Rear, 18.4-34, 6-ply, each	296.25	323.75

MISCELLANEOUS

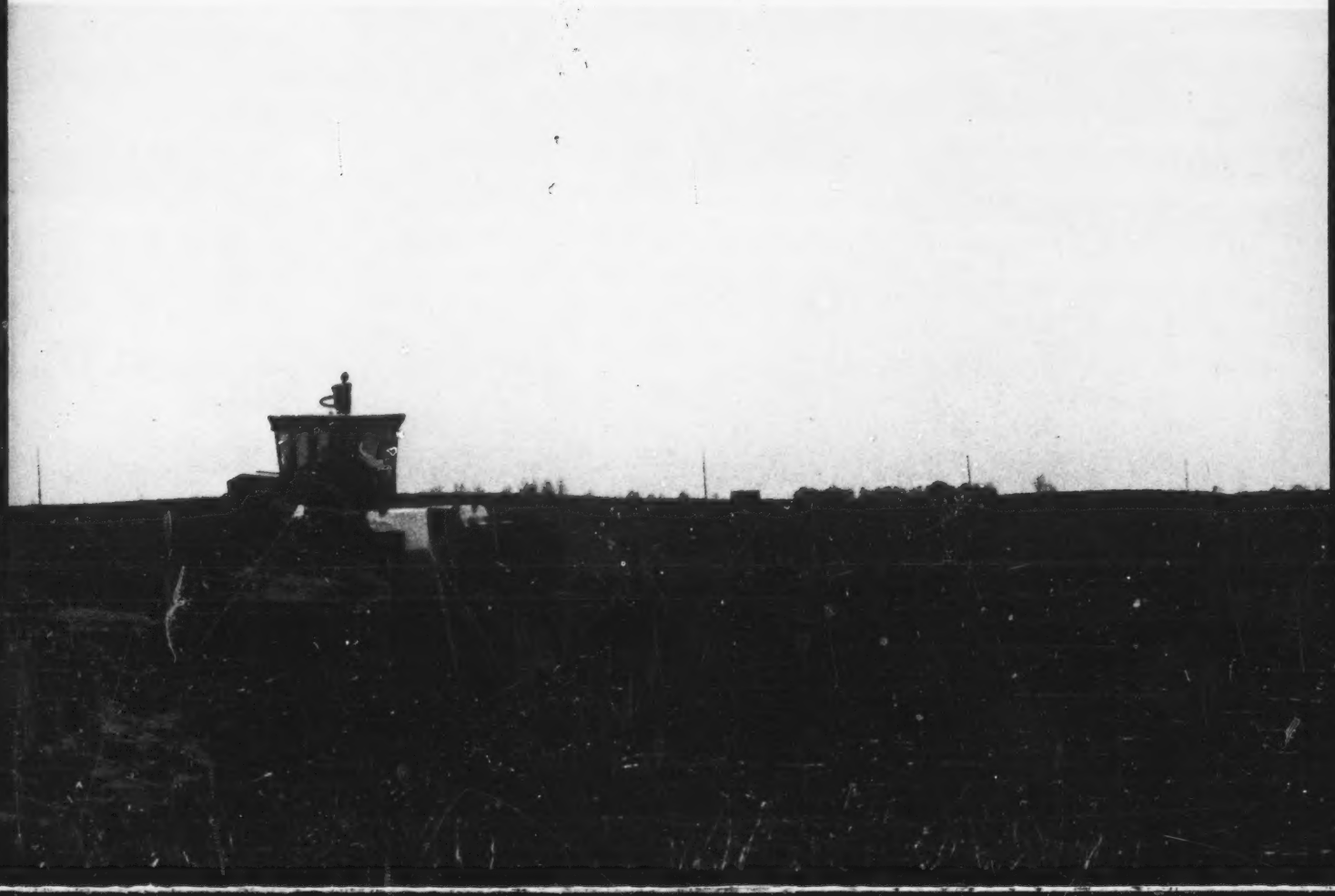
FERTILIZER, FEED, EXPORTS

CROP INSURANCE

GRAIN SHIPMENTS

INDEX

INFORMATION AVAILABLE



FERTILIZER, FEED, SALES & EXPORTS

Sales of Commercial Fertilizer, North Dakota, 1974-79 1/

Year	Mixed Fertilizer	Fertilizer Materials	Total
	----- Tons -----		
1974 - January-June	73,474	212,442	285,916
July-December	28,836	171,407	200,243
Total	102,310	383,849	486,159
1975 - January-June	73,169	215,531	288,700
July-December	19,339	236,236	255,575
Total	92,508	451,767	544,275
1976 - January-June	81,217	303,915	385,132
July-December	17,311	233,584	250,895
Total	98,528	537,499	636,027
1977 - January-June	56,846	359,959	416,805
July-December	10,774	200,611	211,385
Total	67,620	560,570	628,190
1978 - January-June	55,446	436,984	381,538
July-December	19,381	281,947	262,566
Total	74,827	718,931	644,104
1979 - January-June	57,694	411,710	469,404
July-December	7,801	289,686	297,487
Total	65,495	701,396	766,891

1/ Source: State Laboratories Dept., Bismarck, ND.

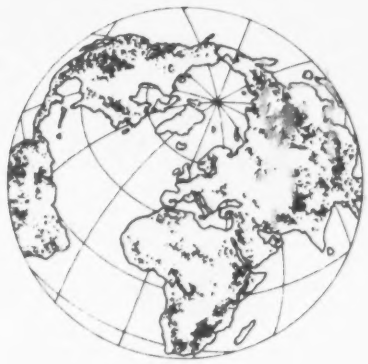
Commercial Feed Sales, by Kinds, North Dakota, 1976-79 1/

Kind of Feed	1976	1977	1978	1979
	--- Tons ---			
Chicken Feeds (Complete)	6,086	5,157	4,967	4,340
(Supplement)	1,691	1,884	1,845	1,950
Turkey Feeds (Complete)	3,740	1,384	1,014	872
(Supplement)	1,729	1,379	2,423	2,952
Swine Feeds (Complete)	60,443	44,686	35,750	32,950
(Supplement)	8,678	9,774	9,110	11,785
Beef Cattle Feeds (Complete)	27,517	21,789	21,922	27,673
(Supplement)	19,288	24,893	26,873	22,897
Dairy Feeds (Complete)	22,228	20,013	20,068	16,169
(Supplement)	2,277	6,837	3,639	4,922
Calf Feeds	1,727	2,174	4,359	6,306
Dog & Cat Foods (Dry)	6,701	6,980	7,185	8,184
(Canned)	24	2,000	398	98
Other Animal Feeds	2,058	2,514	1,592	4,575
Mineral Feeds	5,153	5,524	7,274	6,597
Mineralized Salt	3,261	3,774	3,867	2,826
Plain Salt	196	1,897	3,297	2,788
Soybean & Cottonseed Meal	5,480	7,547	9,499	8,544
Meat & Bone Meal & Animal Products	2,256	970	396	89
Pre-Mixes & Vitamin Supplements	459	1,112	239	134
Beet Pulp	6,250	3,447	6,001	1,108
Alfalfa Meal	167	1,060	6,226	367
Miscellaneous	4,435	3,209	3,663	11,463
TOTAL*	191,844	180,004	181,607	179,589

* Tonnage tax paid on total.
1/ Source: State Laboratories Department, Bismarck.

FERTILIZER USE ON ALL WHEAT ACREAGE HARVESTED, NORTH DAKOTA, 1975-79

Year	Acres for Harvest	Fields in Survey	Acres Receiving				Rate per Acre Receiving			Acres Fertilized 2/		
			Any Fertilizer	N	P_2O_5	K_2O	N	P_2O_5	K_2O	At Or Before Seeding	After Seeding	At Or Before & After Seeding
	(000 Acres)	Number	--- Percent ---				-- Pounds --			--- Percent ---		
1975	10,213	252	57.1	56.7	53.6	10.7	24.7	24.1	9.2	96.5	1.4	2.1
1976	11,655	247	65.2	64.8	58.3	8.5	31.9	25.3	12.9	96.9	1.2	1.9
1977	9,530	240	51.2	51.2	47.5	6.7	32.6	27.6	14.9	99.2	0.0	0.8
1978	9,300	268	60.1	58.2	54.5	9.7	33.1	25.6	13.0	99.4	0.0	0.6
1979	9,555	240	67.5	65.4	55.0	9.6	41.0	28.0	17.6	97.5	1.2	1.3



Value of Export Shares of Agricultural Commodities, North Dakota, 1976-79 1/

Commodity or Group	Year Ending Sept. 30			
	1976	1977	1978	1979
	--- Million Dollars ---			
Wheat & Flour	587.1	272.2	420.2	656.2
Total Feed Grains	24.7	53.4	39.5	32.5
Sunflower Seed	41.2	81.8	135.8	248.7
Soybeans	5.7			
Soybean Oil	.4	8.0	12.7	19.4
Protein Meal	10.5			
Vegetables & Preparations	9.2	12.1	13.5	12.3
Dairy Products	1.3	1.7	1.2	0.8
Meats & Products excluding Poultry	7.1	7.8	9.4	11.4
Hides & Skins	9.2	12.0	11.7	17.1
Poultry Products	.4	.3	.3	.3
Lard & Tallow	7.8	11.5	10.6	12.0
Other	57.6	35.0	47.7	73.9
Total	762.2	495.8	702.6	1,084.6

Source: Foreign Agricultural Trade of U.S.-ESCS-Economics
1/ State export shares are based upon North Dakota's portion of U.S. production or farm sales of individual commodities. No attempt was made to trace actual commodity shipments or to determine whether the State's output is destined primarily for the domestic or export market.

FEDERAL CROP INSURANCE DATA - 1979

County and Crop	Crops Covered	Net Acres Insured	Estimated Liability	Total Premium	No. of Claims Received	Estimated Dollars of Loss
	(No.)	(Acres)	(Dols.)	(Dols.)	(No.)	(Dols.)
Adams						
Wheat	166	41,445	1,594,192	130,782	62	147,167
Oats	11	261	5,819	763	0	0
Barley	14	286	8,682	1,220	2	1,395
Barnes						
Wheat	84	11,155	502,303	25,909	6	5,447
Oats	46	617	16,783	1,379	0	0
Flax	31	260	6,968	700	1	648
C. Crop	875	199,772	7,572,388	321,042	14	12,977
Sunflower	466	57,426	3,312,829	227,701	17	20,805
Barley	54	2,092	81,919	6,855	1	1,588
Benson						
Wheat	319	52,964	2,155,594	164,107	54	125,928
Oats	26	440	8,988	1,240	2	705
Flax	40	720	15,726	2,347	2	781
Barley	121	3,533	111,258	13,756	1	198
Billings						
Wheat	32	5,569	188,580	16,917	13	25,779
Oats	7	123	2,578	407	3	1,345
Barley	4	0	0	0	0	0
Bottineau						
Wheat	897	122,899	5,146,667	224,879	369	383,233
Oats	15	224	4,526	425	1	394
Flax	94	4,131	97,199	12,228	44	22,820
Barley	283	14,342	459,946	37,843	66	43,736
Bowman						
Wheat	98	29,325	1,068,896	96,350	44	131,818
Oats	4	470	10,346	1,429	0	0
Barley	10	615	20,613	2,926	1	2,476
Burke						
Wheat	343	61,365	2,668,887	148,400	151	235,621
Oats	14	105	2,670	364	0	0
Barley	76	1,989	63,774	6,816	11	10,470
Burleigh						
Wheat	326	62,860	2,132,215	198,097	102	166,121
Oats	81	4,088	85,898	11,415	10	6,332
Flax	83	1,546	34,705	5,512	8	6,475
Barley	77	1,680	51,070	7,069	6	3,900
Cass						
Wheat	691	87,689	4,644,139	225,230	10	14,732
Oats	98	1,467	46,601	3,156	0	0
Flax	93	1,643	43,589	4,438	2	2,108
Sugar Beets	30	3,905	676,600	33,064	1	3,600
Corn	14	465	14,288	2,025	0	0
Sunflower	536	66,258	4,221,750	220,484	34	97,373
Soybeans	279	13,388	660,456	63,249	2	1,831
Barley	451	25,911	1,145,889	76,512	6	970
Cavalier						
Wheat	341	57,163	2,690,555	179,852	12	36,743
Oats	59	418	11,146	842	1	3,145
Flax	52	443	12,656	1,839	1	1,292
Barley	263	25,922	976,598	72,750	4	4,369
Dickey						
Wheat	76	8,076	296,830	23,816	1	65
Oats	32	570	15,037	1,609	0	0
Flax	33	833	22,142	3,153	1	64
Sunflower	27	3,821	183,024	19,401	0	0
Barley	36	643	22,080	2,960	0	0
Divide						
Wheat	514	112,689	5,106,937	259,451	73	108,390
Oats	11	339	8,137	1,168	0	0
Barley	43	537	17,429	1,892	2	1,254
Dunn						
Wheat	177	32,783	1,163,230	88,499	66	102,964
Oats	21	1,096	20,933	2,953	5	3,183
Barley	31	563	16,812	2,257	6	3,596
Eddy						
Wheat	119	20,206	818,000	49,278	30	99,590
Oats	15	277	5,172	609	1	159
Flax	20	400	8,646	304	0	0
Sunflower	45	6,458	310,972	25,769	13	41,552
Barley	27	134	4,556	437	2	592
Emmons						
Wheat	449	72,706	2,166,828	216,830	134	181,515
Oats	73	3,187	61,016	8,484	3	3,149
Flax	133	5,133	103,539	22,580	23	33,911
Barley	93	747	21,546	2,799	9	3,488
Foster						
Wheat	117	19,985	958,357	49,071	42	154,755
Oats	14	235	6,129	483	1	1,023
Flax	16	249	6,968	613	3	3,352
Sunflower	62	10,664	542,182	37,888	20	68,466
Barley	40	830	30,403	2,339	7	18,817
Golden Valley						
Wheat	77	20,102	842,273	61,691	49	102,772
Oats	2	63	1,583	210	1	519
Barley	6	135	5,628	563	0	0
Grand Forks						
Wheat	318	40,729	2,211,739	85,004	20	27,886
Oats	82	627	17,676	955	1	62
Flax	69	650	17,177	1,429	1	252
Sugar Beets	6	722	111,325	4,537	1	3,339
C. Crop	132	24,914	1,118,351	30,426	3	2,630
Sunflower	271	32,514	1,898,925	102,150	11	16,001
Barley	244	16,932	705,204	33,706	9	6,877
Grant						
Wheat	222	33,886	1,244,027	105,673	84	130,540
Oats	13	368	7,068	1,120	1	640
Barley	25	566	16,425	2,520	7	4,518
Griggs						
Wheat	186	20,968	974,276	48,984	8	9,855
Oats	45	792	19,862	1,606	0	0
Flax	46	513	13,067	1,297	1	564
Sunflower	124	15,438	714,237	47,390	7	6,198
Barley	96	3,588	135,063	8,839	2	1,425
Hettinger						
Wheat	275	88,624	3,834,363	267,395	59	142,701
Oats	29	627	20,391	2,680	2	1,078
Barley	56	941	30,096	3,989	1	1,942
Kidder						
Wheat	185	23,571	478,619	63,719	26	15,374
Oats	47	2,708	40,099	7,414	0	0
Flax	36	760	10,597	2,515	1	94
Barley	42	796	16,598	3,169	3	600
LaMoure						
Wheat	239	35,863	1,423,786	105,245	9	8,030
Oats	107	2,693	66,038	8,119	2	265
Flax	75	2,051	49,182	6,488	1	268
Sunflower	70	6,838	341,272	32,013	0	0
Barley	99	1,708	55,986	5,882	1	154
Logan						
Wheat	219	38,419	1,057,795	116,154	41	37,099
Oats	20	643	12,656	2,307	4	442
Flax	56	1,343	24,872	5,586	1	192
Barley	18	249	6,270	1,035	3	369
McHenry						
Wheat	571	89,014	3,343,348	204,423	177	341,806
Oats	49	801	17,066	1,825	5	1,848
Flax	75	1,614	33,354	5,090	8	5,705
Barley	146	3,586	124,321	10,829	20	16,724
McIntosh						
Wheat	435	60,117	1,700,874	114,854	42	28,253
Oats	38	1,952	36,487	4,423	2	456
Flax	185	9,710	194,640	28,405	18	4,527
Barley	24	474	11,372	1,736	3	870
McKenzie						
Wheat	162	38,650	1,594,926	106,168	52	80,437
Oats	5	117	2,334	277	1	108
Sugar Beets	0	0	0	0	0	0
Barley	18	365	11,663	1,442	2	960
McLean						
Wheat	849	180,596	8,118,035	365,481	193	233,432
Oats	22	421	9,390	977	3	2,271
Flax	112	2,763	66,946	7,698	2	319
Barley	144	1,973	66,255	5,404	4	2,796
Mercer						
Wheat	224	30,696	1,145,709	69,307	25	21,805
Oats	12	404	7,909	977	1	650
Barley	19	234	7,533	939	1	349
Morton						
Wheat	216	31,190	1,086,908	98,989	94	138,331
Oats	37	1,628	30,808	4,625	4	3,281
Forg Seeding	55	1,058	31,366	3,248	17	22,247
Forg Prod	4	248	7,110	762	1	906
Barley	24	804	24,880	3,789	4	4,625
Mountrail						
Wheat	744	134,524	5,904,194	288,087	459	580,482
Oats	39	530	12,898	1,742	7	2,495
Flax	52	154	3,488	586	0	0
Barley	203	2,214	71,835	6,508	17	5,107
Nelson						
Wheat	350	46,132	2,217,186	143,912	18	13,832
Oats	69	379	9,208	755	8	1,785
Flax	95	1,304	31,625	2,887	1	207
Sunflower	191	22,792	1,109,053	90,133	12	19,155
Barley	212	4,089	156,299	12,647	2	486

FEDERAL CROP INSURANCE DATA - 1979 (Cont.)

County and Crop	Crops Covered	Net Acres Insured	Estimated Liability	Total Premium	No. of Claims Received	Estimated Dollars of Loss
	(No.)	(Acres)	(Dols.)	(Dols.)	(No.)	(Dols.)
Oliver						
Wheat	149	18,470	679,529	51,460	21	16,401
Oats	9	727	13,871	1,921	0	0
Barley	33	760	23,362	3,255	0	0
Pembina						
Wheat	265	50,980	2,694,985	95,296	18	67,776
Oats	23	30	750	57	0	0
Flax	18	498	13,748	1,885	1	300
Sugar Beets	21	1,849	196,830	10,161	0	0
Sunflower	68	14,081	897,065	41,005	4	4,796
Barley	123	4,526	176,114	13,212	5	9,281
Pierce						
Wheat	352	56,016	2,150,167	153,927	211	492,541
Oats	70	1,703	34,722	4,128	14	10,397
Flax	93	2,912	71,734	9,323	20	11,009
C. Crop	55	6,877	209,399	14,184	16	15,121
Barley	133	5,282	164,689	17,388	28	27,221
Ramsey						
Wheat	434	73,588	3,314,783	217,531	8	6,768
Oats	17	234	5,838	389	2	1,503
Flax	43	1,225	30,847	3,572	3	558
Barley	269	9,743	345,282	24,708	8	5,476
Ransom						
Wheat	142	15,090	676,565	38,095	7	4,789
Oats	67	1,311	34,967	3,904	0	0
Flax	39	363	9,925	1,026	0	0
Corn	3	252	4,586	839	0	0
C. Crop	15	1,126	44,867	2,197	0	0
Sunflower	77	11,796	698,789	49,733	0	0
Barley	72	1,693	65,931	5,330	0	0
Renville						
Wheat	384	64,838	3,063,163	128,804	113	166,155
Oats	4	70	1,960	210	0	0
Flax	63	1,573	39,400	5,010	3	2,808
Barley	133	6,915	241,611	22,053	14	7,942
Richland						
Wheat	290	33,732	1,665,786	59,202	20	15,690
Oats	101	1,637	48,221	3,578	2	510
Flax	48	357	8,199	912	0	0
Sugar Beets	24	2,921	445,980	21,275	0	0
Corn	23	1,574	47,059	5,766	0	0
C. Crop	201	30,438	1,174,413	41,113	0	0
Sunflower	296	30,006	1,856,808	103,129	6	6,528
Soybeans	160	8,368	370,497	31,576	0	0
Barley	204	5,310	242,365	16,801	2	1,034
Rolette						
Wheat	254	38,936	1,521,800	105,341	117	135,914
Oats	6	67	1,514	155	0	0
Flax	16	217	5,156	820	2	174
Barley	91	4,515	137,452	13,258	15	11,557
Sargent						
Wheat	155	18,253	808,089	49,459	12	6,407
Oats	43	562	16,829	1,313	0	0
Flax	36	392	11,306	1,129	0	0
Corn	11	695	18,732	2,819	0	0
C. Crop	9	351	11,550	724	1	1,253
Sunflower	86	8,296	472,406	38,300	1	3,529
Barley	85	1,845	71,469	5,563	3	851
Sheridan						
Wheat	299	47,330	1,803,448	142,496	37	43,434
Oats	9	306	6,628	806	1	493
Flax	62	1,524	35,449	4,218	3	120
Barley	66	1,237	38,547	4,560	1	568
Sioux						
Wheat	55	11,615	341,871	37,768	32	44,019
Oats	6	212	3,787	577	1	318
Barley	3	117	3,049	469	1	406
Slope						
Wheat	146	30,783	1,283,026	105,718	35	61,728
Oats	4	216	2,975	474	0	0
Barley	11	551	19,017	2,699	0	0
Stark						
Wheat	233	40,627	1,660,283	125,320	33	87,494
Oats	36	2,044	45,002	6,389	3	1,811
Barley	32	569	16,363	2,152	2	839
Steele						
Wheat	79	8,110	427,455	15,017	0	0
Oats	20	92	2,838	163	0	0
Flax	26	161	4,432	366	0	0
C. Crop	302	69,129	2,845,671	80,301	3	2,786
Sunflower	248	30,581	1,834,530	86,084	0	0
Barley	62	3,103	126,879	7,134	0	0
Stutsman						
Wheat	609	108,166	4,399,417	234,363	32	34,009
Oats	163	4,327	104,832	9,406	8	5,025
Flax	139	3,305	69,797	7,691	3	2,040
Sunflower	242	37,789	1,945,886	144,978	2	1,350
Barley	157	3,509	136,203	10,765	2	230
Towner						
Wheat	276	46,978	2,209,542	132,645	46	123,864
Oats	9	162	4,050	322	0	0
Flax	21	504	12,772	1,815	0	0
Barley	185	9,809	355,814	25,031	21	35,847
Traill						
Wheat	290	35,017	1,955,167	55,378	21	12,520
Oats	44	923	28,304	1,599	0	0
Flax	48	396	12,503	695	1	196
Sugar Beets	28	4,128	828,135	29,537	0	0
Corn	3	271	8,580	1,192	0	0
Sunflower	162	23,613	1,438,250	66,169	6	16,575
Soybeans	33	953	46,471	3,401	0	0
Barley	211	16,340	757,663	28,264	3	544
Walsh						
Wheat	322	44,947	2,173,135	103,853	11	20,305
Oats	21	99	2,376	176	0	0
Flax	50	960	22,132	2,659	1	432
Sugar Beets	13	1,841	270,260	11,053	2	2,158
Sunflower	147	15,190	830,115	51,549	10	6,650
Potatoes	2	0	0	0	0	0
Barley	158	5,989	218,933	13,826	1	201
Ward						
Wheat	973	169,079	7,824,351	378,140	287	355,212
Oats	75	1,487	36,358	3,743	4	647
Flax	180	3,324	74,271	10,911	14	8,470
Barley	300	10,956	379,694	33,523	26	20,518
Wells						
Wheat	372	65,916	2,897,831	186,716	97	292,872
Oats	8	30	510	78	0	0
Flax	78	1,482	37,259	4,657	13	10,395
Sunflower	86	12,610	567,454	48,752	12	26,364
Barley	108	4,022	144,615	14,061	12	14,568
Williams						
Wheat	773	165,957	7,101,521	325,813	174	209,387
Oats	15	96	2,310	286	1	240
Sugar Beets	1	74	9,990	416	0	0
Barley	111	1,954	70,499	6,642	13	9,606

STATE SUMMARY

Crop	Crops Covered	Net Acres Insured	Estimated Liability	Total Premium	No. of Claims Received	Estimated Dollars of Loss
	(No.)	(Acres)	(Dols.)	(Dols.)	(No.)	(Dols.)
Wheat	16,873	2,856,388	121,132,182	7,084,896	3,857	6,029,788
Oats	1,893	45,205	1,021,894	116,412	105	56,279
Flax	2,356	55,413	1,256,016	172,984	183	120,081
Forg Seeding	55	1,058	31,366	3,248	17	22,247
Forg Prod	4	248	7,110	762	1	906
Sugar Beets	123	15,440	2,539,120	110,043	4	9,097
Corn	54	3,257	93,245	12,647	0	0
C. Crop	1,589	332,607	12,976,639	489,987	37	34,767
Sunflower	3,224	405,671	23,175,547	1,432,628	155	335,342
Soybeans	472	22,709	1,077,424	98,226	2	1,831
Potatoes	2	0	0	0	0	0
Barley	5,546	217,223	8,213,354	612,124	360	291,340
STATE TOTAL	32,191	3,955,219	171,523,897	10,133,951	4,721	6,901,678

SHIPMENTS FROM COMMERCIAL STORAGES BY COUNTY
AND MODE OF SHIPMENT, NORTH DAKOTA, JULY 1, 1978-JUNE 30, 1979 1/

District and County	Hard Red Spring Wheat				Durum				Oats			
	Rail	Truck	C.C.C.	Total	Rail	Truck	C.C.C.	Total	Rail	Truck	C.C.C.	Total
	--- Thousand Bushels ---				--- Thousand Bushels ---				---Thousand Bushels ---			
Burke	2,010	496	2	2,505	1,720	81	--	1,801	8	74	--	82
Divide	1,524	31	--	1,555	4,292	27	--	4,319	31	59	--	91
Mountrail	1,045	183	--	1,228	5,600	623	--	6,223	11	42	11	53
Renville	1,523	586	22	2,109	1,531	1,414	2	2,745	142	294	--	435
Ward	4,948	1,373	50	6,320	8,403	1,008	4	9,411	198	1,286	12	1,484
Williams	4,286	1,561	--	5,847	2,484	504	--	2,988	15	18	--	33
Northwest	15,336	4,229	74	19,565	24,031	3,457	--	27,488	404	1,773	23	2,177
Benson	998	444	3	1,442	4,033	1,496	--	5,529	9	27	--	37
Bottineau	1,851	577	--	2,428	4,122	1,474	--	5,597	133	269	--	402
McHenry	4,231	619	--	4,850	1,319	156	--	1,475	255	277	--	532
Pierce	842	71	--	914	1,182	118	--	1,301	11	131	--	142
Rolette	250	141	--	392	1,825	529	--	2,354	14	56	--	71
North Central	8,173	1,853	3	10,025	12,483	3,773	--	16,256	423	760	--	1,184
Cavalier	1,852	2,351	--	4,203	3,091	1,294	--	4,385	43	27	75	69
Grand Forks	3,309	5,896	--	9,205	351	330	--	681	151	64	--	215
Nelson	947	1,013	--	1,960	2,621	1,221	--	3,842	61	82	--	142
Pembina	3,572	4,831	--	8,404	101	187	--	288	75	127	33	202
Ramsey	2,095	848	--	2,943	6,028	968	--	6,996	71	12	--	83
Towner	298	171	--	469	4,200	1,021	--	5,221	12	94	--	107
Walsh	6,284	5,289	--	11,573	1,192	297	--	1,489	167	39	--	206
Northeast	18,356	20,400	--	38,757	17,585	5,317	--	22,902	579	444	108	1,024
Dunn	906	264	--	1,170	2	0	--	2	4	6	--	10
McKenzie	1,676	1,127	--	2,803	228	222	--	450	--	17	--	17
McLean	4,733	953	--	5,686	3,995	305	--	4,300	114	277	--	392
Mercer	896	561	--	1,457	36	20	--	57	3	4	--	8
West Central	8,211	2,905	--	11,116	4,261	547	--	4,808	121	304	--	425
Eddy	681	264	--	945	385	181	--	566	69	17	--	87
Foster	2,082	332	--	2,413	773	181	--	953	34	29	--	63
Kidder	588	248	--	836	402	24	--	426	0	10	--	10
Sheridan	1,230	813	--	2,043	185	111	--	296	64	95	--	158
Stutsman	4,812	2,459	2	7,271	1,949	708	--	2,658	138	319	1	457
Wells	4,608	427	--	5,035	2,066	305	--	2,370	139	101	--	240
Central	14,000	4,543	2	18,544	5,760	1,509	--	7,269	444	572	1	1,015
Barnes	6,328	2,568	--	8,897	965	212	--	1,177	175	140	--	316
Cass	4,199	8,038	--	12,238	531	494	--	1,024	462	335	--	797
Griggs	1,453	1,264	--	2,717	158	128	--	286	55	64	--	119
Steele	1,029	3,368	--	4,397	140	205	--	346	34	38	--	71
Traill	1,632	5,544	--	7,176	173	244	--	418	95	361	--	456
East Central	14,642	20,783	--	35,425	1,967	1,284	--	3,251	821	938	--	1,760
Adams	1,012	1,193	1	2,204	379	75	--	454	--	41	--	41
Bowman	1,316	1,927	--	3,244	694	79	--	773	--	--	--	--
Golden Valley	1,090	667	--	1,758	277	334	--	610	--	--	--	--
Hettinger	1,546	4,176	--	5,722	498	142	--	640	--	17	--	17
Stark	3,741	3,447	--	7,187	174	104	--	278	--	10	--	10
Southwest	8,705	11,410	1	20,116	2,021	734	--	2,755	--	68	--	68
Burleigh	1,240	1,211	--	2,451	222	91	--	313	33	111	--	144
Emmons	1,923	428	--	2,351	93	59	--	151	86	34	--	120
Grant	988	370	--	1,358	40	26	--	66	--	6	--	6
Morton	1,617	2,376	--	3,992	59	101	--	159	10	20	--	30
Sioux	68	97	--	165	26	13	--	39	--	--	--	--
South Central	5,835	4,482	--	10,317	438	290	--	728	129	171	--	300
Dickey	1,854	469	--	2,323	288	27	1	314	477	89	--	566
LaMoure	3,480	1,732	--	5,211	778	412	--	1,190	258	536	17	794
Logan	2,138	668	--	2,806	537	146	--	683	20	50	--	70
McIntosh	1,666	36	--	1,702	141	16	--	158	95	26	--	122
Ransom	1,882	482	--	2,364	148	23	--	171	603	54	--	657
Richland	2,839	1,639	--	4,478	183	5	--	188	790	331	--	1,122
Sargent	1,612	480	--	2,093	412	80	--	492	634	20	--	655
Southeast	15,472	5,505	--	20,977	2,487	709	1	3,196	2,878	1,107	17	3,985
STATE	108,731	76,111	--	184,842	71,032	17,620	7	88,652	5,799	6,137	149	11,938

1/ Totals may not add due to rounding.
Source: Summarized by Upper Great Plains Transportation Institute from Public Service Commission records.

June 1980

SHIPMENTS FROM COMMERCIAL STORAGES BY COUNTY AND MODE OF SHIPMENT, NORTH DAKOTA, JULY 1, 1978-JUNE 30, 1979 1/

District and County	Barley				Sunflower			Flaxseed			Rye		
	Rail	Truck	C.C.C.	Total	Rail	Truck	Total	Rail	Truck	Total	Rail	Truck	Total
	(Thousand Bushels)				(Thousand Bushels)			(Thousand Bushels)			(Thousand Bushels)		
Burke	198	63	--	261	4	52	56	0	47	47	2	5	8
Divide	143	30	--	173	178	13	191	18	1	19	3	1	4
Mountrail	125	24	--	149	0	27	27	3	8	12	26	7	33
Renville	916	178	--	1,094	17	64	81	3	87	90	10	40	50
Ward	1,467	220	--	1,686	1,086	692	1,778	7	341	347	23	56	79
Williams	12	140	--	151	18	80	99	--	--	--	4	0	4
Northwest	2,861	655	--	3,515	1,304	930	2,233	31	484	515	68	109	177
Benson	1,746	184	8	1,930	129	1,455	1,583	16	85	101	16	11	28
Bottineau	2,205	1,084	--	3,288	78	819	897	44	271	315	36	180	216
McHenry	549	65	--	614	93	217	310	21	139	161	36	88	123
Pierce	198	71	--	269	0	28	28	39	101	140	0	41	41
Rolette	765	56	--	820	18	2	20	0	48	48	0	35	35
North Central	5,462	1,461	8	6,922	318	2,521	2,839	121	644	765	88	354	442
Cavalier	3,153	1,498	4	4,650	101	264	366	3	64	67	12	0	12
Grand Forks	5,527	710	--	6,238	528	4,587	5,115	5	65	69	7	6	14
Nelson	1,384	222	13	1,606	426	1,516	1,942	25	110	135	58	1	59
Pembina	1,923	518	61	2,441	334	2,323	2,657	0	59	59	2	17	19
Ramsey	2,628	145	25	2,774	680	554	1,233	7	96	103	40	1	41
Towner	2,035	205	31	2,239	4	270	274	3	24	27	0	14	14
Walsh	2,603	687	76	3,290	1,320	1,896	3,216	30	56	86	2	0	2
Northeast	19,253	3,985	211	23,238	3,393	11,410	14,803	72	474	547	121	38	160
Dunn	0	1	--	1	35	4	40	0	4	4	--	--	--
McKenzie	0	6	--	6	0	7	8	0	5	5	0	2	2
McLean	107	48	--	154	154	100	254	15	222	237	40	34	74
Mercer	3	0	--	3	9	27	35	0	8	8	--	--	--
West Central	109	55	--	164	198	137	336	15	240	254	40	35	75
Eddy	121	27	--	147	102	914	1,016	4	45	49	12	16	28
Foster	180	52	--	231	988	4,314	5,302	6	47	53	47	8	55
Kidder	31	3	--	34	0	28	28	3	56	59	34	30	65
Sheridan	192	144	--	336	35	61	96	0	48	48	19	4	23
Stutsman	2,175	1,040	--	3,216	1,509	3,653	5,161	12	113	125	154	141	296
Wells	1,096	363	--	1,459	2,452	1,505	3,957	27	112	139	63	40	103
Central	3,795	1,628	--	5,423	5,086	10,474	15,560	52	421	474	329	240	570
Barnes	2,070	1,485	--	3,554	2,611	4,034	6,645	40	112	152	24	41	65
Cass	6,210	2,241	--	8,452	2,600	11,916	14,515	6	105	111	26	30	55
Griggs	309	551	13	860	321	1,703	2,024	12	84	96	3	0	3
Steele	1,523	1,806	56	3,329	148	2,621	2,770	0	104	104	0	6	6
Traill	4,533	1,942	--	6,475	300	3,797	4,096	0	70	70	0	7	7
East Central	14,645	8,025	69	22,670	5,980	24,070	30,050	58	475	533	53	83	136
Adams	--	20	--	20	24	24	48	0	10	10	--	9	9
Bowman	2	5	--	7	0	1	1	6	10	16	37	3	40
Golden Valley	0	4	--	4	2	7	9	2	0	2	--	--	--
Hettinger	24	64	--	87	31	260	291	0	23	23	34	14	48
Stark	2	0	--	2	76	61	137	0	7	7	64	4	68
Southwest	28	92	--	120	133	352	485	9	49	57	135	30	165
Burleigh	11	43	--	54	7	51	58	3	33	36	15	2	17
Emmons	45	0	--	45	--	--	--	45	192	237	38	4	42
Grant	3	1	--	5	50	71	120	0	4	4	6	30	36
Morton	14	2	--	16	23	23	46	2	14	17	0	5	5
Sioux	0	2	--	2	--	--	--	0	1	1	0	4	4
South Central	73	49	--	122	79	145	225	51	244	295	58	46	104
Dickey	665	202	--	867	472	1,083	1,554	12	84	96	132	10	141
LaMoure	203	349	12	552	1,037	2,041	3,078	47	204	251	180	265	444
Logan	109	43	--	152	42	140	181	13	216	229	51	29	79
McIntosh	6	27	--	33	29	25	53	76	193	269	33	6	38
Ransom	521	217	--	739	1,470	1,084	2,554	8	12	20	65	6	72
Richland	4,076	261	--	4,337	1,332	2,573	3,905	11	61	73	45	4	49
Sargent	474	20	--	494	619	777	1,396	16	147	164	151	7	158
Southeast	6,055	1,119	11	7,174	5,000	7,722	12,722	185	917	1,102	656	326	982
STATE	52,280	17,068	300	69,348	21,492	57,761	79,253	593	3,947	4,541	1,549	1,262	2,811

1/ Totals may not add due to rounding.
Source: Summarized by Upper Great Plains Transportation Institute from Public Service Commission records.

June 1980

HARD RED SPRING WHEAT AND DURUM WHEAT SHIPMENTS FROM COMMERCIAL STORAGES BY COUNTY AND DESTINATION, NORTH DAKOTA, JULY 1, 1978-JUNE 30, 1979 1/2/

District and County	Hard Red Spring Wheat				Durum Wheat			
	Duluth/Superior	Mpls/St. Paul	West	Misc. 3/	Duluth/Superior	Mpls./St. Paul	West	Misc. 3/
	----- Thousand Bushels -----				----- Thousand Bushels -----			
Burke	1,590	615	93	208	1,423	283	1	94
Divide	443	72	986	56	2,696	566	619	439
Mountrail	500	73	558	97	4,675	968	68	514
Renville	1,541	260	87	243	1,348	1,126	33	238
Ward	3,490	1,379	1,022	429	6,958	1,978	18	462
Williams	596	234	4,789	228	1,344	833	449	361
Northwest	8,160	2,633	7,534	1,262	18,445	5,753	1,188	2,108
Benson	1,125	115	118	86	4,299	899	--	331
Bottineau	1,822	137	324	145	4,991	276	5	324
McHenry	3,029	312	1,184	324	1,221	136	10	108
Pierce	668	47	168	31	870	295	3	132
Rolette	327	26	32	6	1,779	436	--	139
North Central	6,972	637	1,827	592	13,160	2,043	18	1,034
Cavalier	3,630	392	11	170	2,917	1,118	--	350
Grand Forks	7,754	825	63	563	456	201	-	23
Nelson	1,661	243	10	45	2,941	697	-	205
Pembina	7,424	349	14	615	281	4	--	4
Ramsey	2,428	166	18	330	5,137	687	76	1,096
Towner	394	26	1	49	4,035	416	1	769
Walsh	9,619	676	63	1,215	773	684	5	26
Northeast	32,911	2,678	181	2,987	16,541	3,806	82	2,473
Dunn	317	162	579	113	--	2	--	--
McKenzie	169	296	2,225	113	168	158	67	57
McLean	2,360	1,226	1,823	276	1,362	2,530	--	408
Mercer	354	270	739	95	43	9	--	5
West Central	3,200	1,953	5,366	598	1,573	2,698	67	470
Eddy	685	144	41	75	497	17	--	52
Foster	1,733	306	253	121	756	195	--	2
Kidder	390	199	180	67	324	63	36	3
Sheridan	1,020	662	302	59	174	123	--	--
Stutsman	4,311	1,136	1,002	823	2,163	260	73	162
Wells	3,467	290	1,145	133	1,627	644	2	98
Central	11,605	2,738	2,923	1,279	5,541	1,301	111	316
Barnes	6,586	768	260	1,282	1,073	72	--	32
Cass	8,891	2,815	40	492	769	182	2	70
Griggs	2,158	220	60	279	207	69	--	10
Steele	3,673	465	67	192	296	35	--	14
Traill	6,557	479	31	110	355	43	--	19
East Central	27,865	4,747	456	2,357	2,701	402	2	145
Adams	148	360	1,563	134	31	359	3	60
Bowman	86	311	2,555	292	27	601	--	145
Golden Valley	53	128	1,528	49	97	205	14	295
Hettinger	801	1,740	2,896	284	168	385	12	75
Stark	979	2,127	3,747	335	165	78	--	35
Southwest	2,067	4,666	12,289	1,094	488	1,629	29	609
Burleigh	785	889	684	93	235	69	--	8
Emmons	1,273	531	298	248	81	67	3	1
Grant	588	38	704	27	55	4	7	--
Morton	902	1,185	1,515	391	62	57	--	40
Sioux	109	45	4	7	31	8	--	--
South Central	3,657	2,690	3,205	766	464	206	10	49
Dickey	904	993	289	136	119	187	3	6
LaMoure	3,306	712	387	806	956	155	3	76
Logan	1,686	910	82	128	415	248	6	14
McIntosh	1,424	41	155	83	150	2	--	7
Ransom	1,629	706	4	24	95	74	--	2
Richland	1,977	2,279	23	199	64	117	--	6
Sargent	1,302	464	95	232	262	176	24	30
Southeast	12,228	6,107	1,036	1,608	2,060	958	38	141
STATE	108,663	28,850	34,818	12,543	60,973	18,797	1,545	7,345

1/ Does not include CCC shipments. 2/ Totals may not add due to rounding. 3/ Includes all other destinations.
Source: Summarized by Upper Great Plains Transportation Institute from Public Service Commission records.

June 1980

BARLEY AND OATS SHIPMENTS FROM COMMERCIAL STORAGES BY COUNTY AND DESTINATION, NORTH DAKOTA, JULY 1, 1978-JUNE 30, 1979 1/ 2/

District and County	Barley				Oats			
	Duluth/Superior	Mpls/St. Paul	West	Misc. 3/	Duluth/Superior	Mpls./St. Paul	West	Misc. 3/
	----- Thousand Bushels -----				----- Thousand Bushels -----			
Burke	23	87	10	141	22	38	7	13
Divide	24	58	23	67	--	8	73	9
Mountrail	7	70	--	72	3	23	7	19
Renville	84	295	11	704	87	215	111	23
Ward	143	927	52	564	47	873	323	240
Williams	--	1	102	49	--	17	13	3
Northwest	282	1,438	198	1,597	160	1,175	536	307
Benson	409	598	50	881	28	8	--	--
Bottineau	303	1,012	69	1,904	95	50	240	17
McHenry	97	344	3	170	144	331	36	22
Pierce	14	42	--	213	72	59	--	11
Rolette	87	622	--	111	55	16	--	--
North Central	911	2,618	122	3,279	395	464	275	50
Cavalier	1,018	2,268	21	1,349	24	53	--	2
Grand Forks	1,364	3,357	315	1,227	50	164	--	--
Nelson	326	953	--	340	31	107	--	5
Pembina	1,110	775	--	593	86	129	--	4
Ramsey	787	1,166	14	833	39	40	--	5
Towner	534	889	--	847	77	26	--	5
Walsh	1,125	1,808	--	432	63	126	--	16
Northeast	6,262	11,217	349	5,622	370	644	--	37
Dunn	--	--	--	1	--	3	3	3
McKenzie	--	--	3	3	--	--	14	3
McLean	18	94	3	39	44	113	164	70
Mercer	--	3	--	--	3	--	3	1
West Central	18	96	6	44	47	117	184	76
Eddy	62	51	--	34	7	64	--	16
Foster	78	98	--	56	19	34	9	1
Kidder	5	25	--	3	6	5	--	--
Sheridan	--	116	20	200	--	91	64	3
Stutsman	190	428	287	2,311	107	145	10	195
Wells	222	663	--	574	54	170	5	10
Central	557	1,381	307	3,178	192	509	89	226
Barnes	649	1,168	22	1,715	115	181	3	16
Cass	1,505	2,846	19	4,082	202	468	--	128
Griggs	202	220	2	448	9	107	--	3
Steele	620	840	60	1,865	24	34	--	14
Traill	1,044	2,766	3	2,663	123	127	--	207
East Central	4,019	7,840	106	10,773	473	916	3	368
Adams	--	--	19	1	--	--	3	38
Bowman	--	--	1	7	--	--	--	--
Golden Valley	--	--	4	--	--	--	--	--
Hettinger	5	10	53	19	--	--	4	13
Stark	--	2	--	--	--	--	10	--
Southwest	5	13	77	26	--	--	17	51
Burleigh	10	18	24	2	3	44	70	26
Emmons	12	33	--	--	6	80	--	33
Grant	3	--	--	1	--	--	--	6
Morton	--	15	--	1	--	10	3	18
Sioux	2	--	--	--	--	--	--	--
South Central	27	66	24	4	9	134	73	84
Dickey	161	536	4	166	30	448	--	89
LaMoure	118	135	--	312	120	432	1	241
Logan	21	77	--	54	15	53	--	2
McIntosh	26	3	--	4	38	78	--	6
Ransom	80	312	--	347	16	583	--	58
Richland	256	967	9	3,105	125	866	--	131
Sargent	42	395	--	57	91	549	--	14
Southeast	705	2,424	13	4,045	434	3,009	1	541
STATE	12,786	27,093	1,204	28,578	2,078	6,942	1,178	1,740

1/ Does not include CCC shipments. 2/ Totals may not add due to rounding. 3/ Includes all other destinations.
Source: Summarized by Upper Great Plains Transportation Institute from Public Service Commission records.

June 1980

SUNFLOWER AND FLAXSEED SHIPMENTS FROM COMMERCIAL STORAGES BY COUNTY AND DESTINATION, NORTH DAKOTA, JULY 1, 1978-JUNE 30, 1979 1/ 2/

District and County	Sunflower				Flaxseed			
	Duluth/Superior	Mpls/St. Paul	West	Misc. 3/	Duluth/Superior	Mpls./St. Paul	West	Misc. 3/
	----- Thousand Bushels -----				----- Thousand Bushels -----			
Burke	34	2	17	3	--	47	--	--
Divide	182	--	9	--	--	19	--	--
Mountrail	27	--	--	--	--	11	--	--
Renville	75	--	--	7	--	85	--	--
Ward	1,507	116	23	133	4	327	4	--
Williams	83	--	14	2	--	--	--	--
Northwest	1,907	118	63	144	4	488	4	--
Benson	1,373	111	--	100	38	63	--	--
Bottineau	874	15	--	9	12	291	--	--
McHenry	243	31	--	37	16	145	--	--
Pierce	28	--	--	--	--	138	--	--
Rolette	20	--	--	--	--	46	--	--
North Central	2,538	156	--	145	66	683	--	--
Cavalier	333	33	--	--	--	66	--	--
Grand Forks	4,676	27	8	404	2	67	--	--
Nelson	1,832	83	--	27	4	104	1	--
Pembina	2,575	68	--	14	--	59	--	--
Ramsey	1,202	13	--	17	9	88	--	--
Towner	272	2	--	--	1	25	--	--
Walsh	2,960	14	2	241	1	85	--	--
Northeast	13,850	240	10	703	17	494	1	--
Dunn	40	--	--	--	--	4	--	--
McKenzie	7	--	--	--	--	5	--	--
McLean	251	3	--	--	10	203	8	--
Mercer	22	13	--	--	--	8	--	--
West Central	319	16	--	--	10	221	8	--
Eddy	870	110	--	36	--	49	--	--
Foster	4,034	68	70	1,130	4	45	--	--
Kidder	28	--	--	--	2	50	--	--
Sheridan	94	--	--	1	--	46	--	--
Stutsman	3,743	1,071	67	281	20	94	--	--
Wells	3,479	116	2	360	5	117	3	--
Central	12,248	1,365	139	1,808	31	402	3	--
Barnes	5,847	133	--	665	3	140	--	--
Cass	9,803	1,257	199	3,256	--	99	--	--
Griggs	1,585	312	--	128	2	92	--	--
Steele	2,319	169	--	282	3	87	--	--
Traill	3,297	51	--	748	--	69	--	--
East Central	22,851	1,921	199	5,078	8	488	--	--
Adams	31	14	--	2	--	10	--	--
Bowman	--	--	--	1	--	14	--	--
Golden Valley	7	2	--	--	--	--	2	--
Hettinger	187	7	--	96	--	19	2	--
Stark	76	43	--	19	--	7	--	--
Southwest	302	66	--	118	--	50	4	--
Burleigh	15	43	--	--	3	28	--	4
Emmons	--	--	--	--	3	135	--	99
Grant	114	1	6	--	--	4	--	--
Morton	27	19	--	--	--	17	--	--
Sioux	--	--	--	--	--	1	--	--
South Central	155	63	6	--	6	185	--	103
Dickey	443	188	99	825	1	93	--	3
LaMoure	2,251	262	443	122	3	234	--	15
Logan	132	45	--	4	1	227	--	1
McIntosh	50	--	--	3	5	258	--	7
Ransom	2,003	18	41	492	-	14	--	6
Richland	2,992	154	--	759	1	67	--	5
Sargent	1,136	178	29	53	1	149	--	13
Southeast	9,007	844	611	2,259	11	1,042	--	--
STATE	63,178	4,790	1,029	10,255	153	4,054	21	49

1/ Does not include CCC shipments. 2/ Totals may not add due to rounding. 3/ Includes all other destinations.
Source: Summarized by Upper Great Plains Transportation Institute from Public Service Commission records.

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